



UNIVERSITY OF ILLINOIS
AUG 1912

Vol. VII

DECEMBER, 1912

No. 13

THE
UNIVERSITY OF IDAHO BULLETIN

REPORT OF THE BOARD
OF REGENTS
1911 - 12



PUBLISHED BY THE UNIVERSITY OF IDAHO

Entered at the Postoffice as second-class mail matter.

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UNIVERSITY OF IDAHO, OFFICE OF THE REGENTS OF THE UNI-
VERSITY OF IDAHO.

Moscow, Idaho, December 3, 1912.

To His Excellency, the Governor of Idaho:

Sir:—I have the honor to present for your consideration the report of the Board of Regents of the University of Idaho for the period beginning January 1, 1911, and ending December 31, 1912.

E. H. MOFFITT,
President of Board of Regents.

BOARD OF REGENTS

E. H. Moffitt, <i>President</i>	Wallace
Edward S. Sweet, <i>Vice President</i>	Grangeville
Mrs. Samuel H. Hays, <i>Secretary</i>	Boise
George R. Barker.....	Sandpoint
D. Worth Clark.....	Pocatello

EXECUTIVE COMMITTEE:

E. H. Moffitt	Mrs. Samuel H. Hays
D. Worth Clark.	

REPORT OF THE REGENTS OF THE UNIVERSITY OF IDAHO

THE BOARD OF REGENTS

The first meeting of the Regents in this biennial period was held in Moscow April 12th, 1911. The members of the Board were M. E. Lewis, Moscow, President; E. S. Sweet, Grangeville, Vice President; Mrs. S. H. Hays, Boise, Secretary; E. H. Moffitt, Wallace, and D. Worth Clark, Pocatello. Mr. Lewis resigned in June, 1911, and Mr. Moffitt was elected President of the Board in October, 1911. At the same meeting Mr. Clark was appointed a member of the executive committee, and Mr. H. Melgard, Moscow, was elected Treasurer. Mr. George R. Barker, Sandpoint, appointed by Governor Hawley to succeed Mr. Lewis, attended his first session in October, 1911. The present organization and membership of the Board is as follows: Mr. E. H. Moffitt, President; Mr. E. S. Sweet, Vice President; Mrs. Samuel H. Hays, Secretary; Mr. D. Worth Clark, and Mr. George R. Barker. The executive committee consists of Mr. Moffitt, Mrs. Hays, and Mr. Clark. The total expenses of the Board of Regents, including the printing of their report, amounted to \$1184.80 for the biennial period extending from December 1, 1910, to December 1, 1912.

CHANGES IN THE FACULTY

During the years 1911 and 1912, while there have been fewer resignations from the faculty than usual during a biennium, there has been, nevertheless, a considerable number of changes, as set forth below. In several instances these were by way of additions to the College of Agriculture, necessitated by its enriched curriculum.

Lieutenant Andrew William Smith, after completing a detail of three years at the University as Professor of Military Science

and Tactics and Commandant of Cadets, rejoined his regiment in February, 1911. Lieutenant Thomas Earl Cathro was appointed in his stead and served for one and one-half years. In September, 1912, Lieutenant John Francis Franklin assumed these duties.

Edwin Ebenezer Elliott, for three years Professor of Agricultural Education, resigned in 1911, and the position has not been filled.

John Fisher MacLane resigned as Professor of Law and acting dean of the College of Law to accept an appointment as district judge. His place was filled by the appointment of Otis Eddy McCutcheon, of Idaho Falls, formerly a member of the Board of Regents.

Professor Sidney Roby Sheldon, of the Department of Electrical Engineering, by an exchange with Professor Sol E. Hutton, formerly a member of the University faculty, spent the year 1910-11 upon a leave of absence at the Imperial Polytechnical College at Shanghai, China, and at the close of the year decided to remain there. The vacancy thus created was filled by the appointment of Laurence Jay Corbett, a graduate of the University of California, but formerly a student at the University of Idaho for three years. For five years preceding his appointment he had been engaged as consulting engineer in Spokane, Washington.

Lucius Franklin Childers, Professor of Agronomy, resigned to take a commercial position as manager of the Clagstone estate. The department is replaced by the Department of Soils and the Department of Field Crops and Farm Management. To the latter position Frank Leslie Kennard, a graduate of South Dakota Agricultural College, and former special agent of the Bureau of Plant Industry, was promoted from an instructorship. As Professor of Soils there was secured Dr. Peter Powell Peterson (University of Chicago), assistant professor at the University of Wisconsin.

William Reuel Chedsey, for three years Associate Professor of Mining Engineering, resigned in 1911 to go into practical work. He was replaced by Douglas Clermont Livingston who received his training at Stanford and McGill Universities, and in practical mining work in Arizona, Ontario, and Mexico.

Upon the resignation after two years' service of Dr. Carl

Cosmo Rice, Dr. Shirley Gale Patterson, instructor at the University of Chicago, was appointed Associate Professor (in charge) of Romance Languages. Dr. Patterson received his bachelor's degree at Amherst, and pursued his graduate studies at Columbia and Cornell, as well as at the Sorbonne, Paris, and the University of Madrid.

Professor Edgar Noble Durfee resigned from the Law faculty to accept a position in the University of Michigan. In his stead was appointed Dr. Lyman P. Wilson, a graduate of Knox College and the University of Chicago, and for three years city attorney of Galesburg, Illinois.

Justin Sarsfield DeLury, for five years Instructor and then Assistant Professor of Geology and Mineralogy, resigned to take up business. To the vacancy was appointed Dr. Charles Arthur Stewart as Associate Professor. He received the degrees of A.B., A.M., and Ph.D. from Columbia University, and at the time of his appointment was instructor at Cornell University.

A new position of great importance to the state was created in 1911 when Professor Walter Herbert Olin was made Director of Agricultural Extension. Professor Olin had held for six years responsible positions in Iowa State College and Colorado College of Agriculture and for three years as Industrial Commissioner of the Denver, Laramie and Northwestern Railway.

Dr. Eustace Thurman Baker, a graduate of Ohio State University, was appointed Professor of Veterinary Science, coming to the University from Washington State College.

The Chair of Botany, formerly included under the Department of Biology, was created in 1912, and Charles Edward Temple was made the incumbent. Professor Temple is a graduate of the University of Nebraska. At the time of his appointment he was Instructor in Botany at the University of Michigan.

Upon the departure of Professor Frandsen in 1911 to head the Dairy Department of the University of Nebraska, the department was divided into two, and Gustave Edward Frevert, Instructor since 1909, was promoted to be Assistant Professor of Dairy Manufactures, and Elmer Verne Ellington, Field Dairyman in cooperation with the United States Dairy Division, Depart-

ment of Agriculture, was advanced to be Assistant Professor of Dairy Production,

The new Chair of Agricultural Engineering and Irrigation, created in 1911, was filled by the appointment of Everett Walter Hamilton, a graduate of Iowa State College. At the time of his appointment he was serving as Assistant Professor in Iowa State College.

The work of the Department of Bacteriology increased to an extent that necessitated the employment of additional instructors. Winfred Rulison Wright, a graduate of Michigan Agricultural College, was engaged as Assistant Professor of Bacteriology; and Clifford Leslie MacArthur, M.S., University of Idaho, 1912, was appointed Instructor in Bacteriology.

James Agnew Hughes, B. S., University of Virginia, 1904, has been appointed Assistant to the Dean of Agriculture and Principal of Short Courses in Agriculture.

Clarence Cornelius Vincent, who left the University in 1911 to become head of the Department of Horticulture at Clemson College, was recalled in 1912 to be Associate Professor of Horticulture.

Mrs. Jennie L. K. Haner, for nearly four years Assistant Professor of Domestic Art and Drawing, resigned on account of poor health in March, 1912, and Miss Margaret Sweet was appointed in her stead. Miss Sweet received her training at the University of Chicago and Pratt Institute.

In June, 1912, Miss Laura Breese also resigned as Assistant Professor of Home Economics, and during the summer the department was reorganized. Miss Jessie May Hoover was secured as the first Professor of Home Economics; Miss Grace Schermerhorn as Assistant Professor, and Miss Virginia Shearer as Assistant. Professor Hoover received her preparation at Kansas State Normal, Kansas Agricultural College, Lewis Institute, and the University of Chicago, and has been head of Home Economics Departments in South Dakota State College and North Dakota Agricultural College. Miss Schermerhorn was educated at Oberlin College, Springfield Training School, and Columbia University. Miss Shearer received her special training at Pratt Institute.

Associate Professor C. C. Tull of the English Department is spending a year in Europe upon leave of absence. His work is being carried on by Benjamin Harrison Lehman, a graduate of Harvard University, who was Instructor in English during 1911-12.

The following more important promotions may be mentioned:

Edward John Iddings from the principalship of the School of Practical Agriculture to be Professor of Animal Husbandry; Gustus Ludwig Larson from Associate Professor of Mechanical Engineering to a full professorship; Dr. John Anton Kostalek from Instructor in Organic Chemistry to be Assistant Professor; Mrs. Caroline Christine Isaacson from an instructorship in German to an assistant professorship; and Dr. Davis Bernard Steinman from Instructor in Civil Engineering successively to Assistant Professor and Associate Professor. Harry Proctor Fishburn and Charles William Colver, who have been connected with the Department of Agricultural Chemistry since 1909, received in 1912 the title of Assistant Professor of Agricultural Chemistry.

New instructors are: Irwin Wycliffe Cook in Forestry; Orlo Ashley Pratt in Plant Pathology; Eugene Hamilton Storer in Voice Culture, Choral Work, and Public School Music; Miss Isabel Stephens in Physical Education; Mrs. E. Hellier-Collens in Preparatory English; and Clarence Sinclair Edmundson in the School of Practical Agriculture.

ATTENDANCE

The University is beginning its twenty-first year under very favorable conditions. Some comparison of attendance with ten and twenty years ago may well be in place. Of strictly collegiate students there are (November, 1912), 375; for the years 1902-03 the number is 128; and for 1892-93, 6. Perhaps the most striking change is in the proportion of college and preparatory students. At the first opening of the doors of the institution in 1892 practically all students were of preparatory grade, and not until the thirteenth year (1904-05) did the number of college students exceed the number of preparatory students. In the past eight years, however, the growth of four-year high schools over the state has been remarkable, and as a corollary to this, the Prepar-

atory School has become less important, so that now, out of a total of 709 students enrolled, only 33 are preparatory students. Latterly this decline has been hastened by the action of the Regents in eliminating one year of the school each year, so that next year it is expected that only twelfth-grade work will be offered, and the following year none.

TABLE OF ATTENDANCE BY YEARS

	College.	Special	Sch. of Prac. Agriculture.	Preparatory School.	Summer School.	Total.
1892-93.....	6	3	..	126	..	135
1893-94.....	14	2	..	216	..	232
1894-95.....	28	183	..	211
1895-96.....	42	24	..	220	..	286
1896-97.....	65	153	..	218
1897-98.....	78	9	..	161	..	248
1898-99.....	61	18	..	104	..	183
1899-00.....	90	16	..	120	132	358
1900-01.....	128	11	..	111	..	250
1901-02.....	123	17	..	139	..	279
1902-03.....	128	18	..	162	..	308
1903-04.....	144	7	..	198	..	349
1904-05.....	173	3	..	156	..	332
1905-06.....	199	3	..	108	..	310
1906-07.....	224	7	..	132	..	363
1907-08.....	245	21	..	174	..	440
1908-09.....	267	19	..	206	..	492
1909-10.....	303	33	..	165	..	510
1910-11.....	329	39	41	118	..	527
1911-12.....	360	69	60	59	..	548
1912 (to Nov. 26) 375	29	75	33	202	709	

For the year 1912-13 to date (November 26, 1912) there are registered the following: Graduate and undergraduate students 375; Summer Session students, excluding duplicates, 197—making a total of 572 college students; special students, 29; School of Practical Agriculture, 75; preparatory students, several of whom are taking purely college work but who are, on account of the high standard of admission, rated down, 33—a total thus far of 709. To these will be added, besides the new students entering College at the opening of the second semester, students in the ten-weeks courses for Miners and Prospectors and for Forest Rangers. Last year the increase in enrollment between November 15th and the end of the college year amounted to 66.

Of the 450 students under collegiate instruction now enrolled 299 are men and 151 are women. In the Summer Session there

were 29 men and 173 women. In the Preparatory School there are 11 men and 22 women.

The average age of graduating classes for several years has been 23 years and 8 months.

DISTRIBUTION OF STUDENTS UNDER COLLEGIATE INSTRUCTION, SEPTEMBER-NOVEMBER, 1912

By Idaho Counties:

Ada, 54; Adams, 2; Bannock, 8; Bingham, 7; Blaine, 8; Bonneville, 4; Bonner, 8; Boise, 7; Canyon, 27; Cassia, 1; Clearwater, 3; Elmore, 1; Fremont, 4; Idaho, 15; Kootenai, 22; *Latah, 94; Lemhi, 4; Lewis, 6; Lincoln, 11; Nez Perce, 18; Oneida, 5; Owyhee, 4; Shoshone, 22; Twin Falls, 18; Washington, 12.

By States:

California, 2; Colorado, 4; Idaho, 365; Illinois, 2; Iowa, 2; Kansas, 1; Michigan, 2; Minnesota, 3; Missouri, 1; Montana, 6; Nebraska, 1; New York, 2; Oregon, 5; South Carolina, 1; South Dakota, 1; Washington, 47; Wisconsin, 2.

Norway, 1; Japan, 2.

In the Summer Session of 1912 nineteen Idaho counties and fifteen states were represented.

THE PREPARATORY SCHOOL

In April, 1911, on account of the increase in the number of four-year high schools in the state, it was decided by the Regents that no new classes should be organized in secondary subjects contained in the state course of study for high schools. The work of the Preparatory School was to be discontinued gradually by dropping one year at each commencement, and the department finally abolished within three years.

As a consequence of the announcement the enrollment in the Preparatory School, which had been 206 in 1909, decreased to 59 in 1911-12, and the Regents were able to anticipate the final result of their former action by releasing the two instructors

* A large number of students whose names appear in this list and in the University catalog as residents of Latah County are so catalogued because they temporarily reside in Moscow for the purpose of attending the University.

that were engaged in secondary work, and discontinuing the department as a distinct organization. At the present time there are 33 students who are taking sub-college work. When these have completed their entrance requirements, the Preparatory School of the University will be a thing of the past.

When the institution was opened in the fall of 1892, forty students, all of preparatory grade, presented themselves for entrance. For that year the instruction was confined to high school subjects, and for a number of years the major portion of the work was preparatory in character, and the greater number of the students were enrolled in this department. During its existence the Preparatory School supplemented vigorously the work of the younger high schools of the state, and sent out hundreds of graduates who "made good" in their vocations, and cherish kindly recollections of the school. To these the passing of the Preparatory School will bring some regret. In the main, however, it is a subject of congratulation that the educational institutions of the state have reached that point in their development where the University may definitely discontinue the work that properly belongs to the secondary schools, and the high schools of the state are able to meet their full responsibility in the matter of secondary education.

ENTRANCE REQUIREMENTS

In accordance with a recommendation of the High School Section of the National Education Association, the requirements for entrance to the University have recently been revised.

The standard requirement for high school graduation is sixteen units, or four subjects a year with daily recitations for a period of four years, and until recently the entrance requirements of the University were fixed at sixteen units. Beginning with September, 1912, the quantitative requirement was reduced to fifteen units, in order to allow one unit leeway for the student who is deficient in one subject for one year. The immediate result of the change is to greatly decrease the number of conditioned students. The new requirements also permit a greater freedom of choice on the part of the high school student. Of the total fifteen units not less than eleven units consist of English, foreign language, mathematics, social science, (including history), and

natural science, or other work conducted by recitations and home study. The other four units are left as a margin to be used for additional academic work, or for mechanic arts, household science, commercial work, and any other kind of work that the best interest of the student appears to require. No limitations are imposed upon the use of the margin, except that the instruction should be given by competent teachers, with suitable equipment, in classes not too large, and that the student's work should be of a satisfactory grade. Under this plan it is possible for a high school to introduce into its curriculum any subject that meets the special needs of the community, and for high school students to select with reference to their own abilities and preferences, and to the modes of life they expect to follow.

STANDARDIZATION OF COLLEGES AND UNIVERSITIES

For some time a movement has been on foot in the National Association of State Universities to secure uniform standards of entrance requirements, requirements for degrees, and a greater uniformity in nomenclature. At the same time the United States Commissioner of Education has been interested in an inspection of the colleges that are beneficiaries of the Morrill Acts.

As a result Dr. K. C. Babcock, specialist in Higher Education in the United States Bureau of Education, and cooperating with the National Association of State Universities, has recently inspected the different departments of the University in order to obtain information on which to base a classification of the colleges and universities of the United States. As this is the first time that the National Government has assumed any responsibility in relation to the scholastic standards of the state universities, pending the receipt of Dr. Babcock's report the Regents have been pleased to receive his informal estimate of the work and character of the University, as follows:

"The University of Idaho surprised me by the excellent quality of its equipment in buildings, grounds and laboratories. It appears to have made a wise and vital adjustment of its work to the needs of its Commonwealth, and at the same time to have maintained and enforced in recent years standard entrance requirements. In fact, the rigidity with which it endeavored to

enforce a sixteen-units requirement, when other strong institutions were content with fifteen, was one of the grounds of my criticism of the University.

"The income of the University is reasonably adequate for its present needs, and I see no reason to doubt that the state will treat it as generously in the future as it has in the past. Thus will be insured a continuation of the progress which has marked its recent years.

"The quality of the faculty is surprisingly good, both as to training and experience. Conditions are such that it has a better degree of stability than have several other of the State Universities of the west. The fact that the University of Idaho is the single unified institution of higher education in the care of the state gives it a distinct advantage over similar institutions in Montana, South Dakota, and Oregon.

"By way of summary of my impressions, I should emphasize the soundness of its foundation and support, the sincerity of its administration and work, and the promise of its progress paralleling the growth of the state."

NEW BUILDINGS

The Legislature of 1911 appropriated \$9,500 for stock barns and stables. In the summer of 1911 there was constructed a main barn for beef cattle and calves, 80 by 48, containing box stalls, feed rooms and storage for grain and hay, and a thoroughly modern and sanitary dairy wing 58 by 36 was erected west of and near the University campus. The new stock judging pavilion, splendidly lighted, with furnace heat and seating 130 students is prominently located mid-way between the stock barns and Morrill Hall.

The same Legislature appropriated \$75,000 for the Auditorium Wing of the Administration Building, and the U. of I. Improvement Fund 1909 contained a balance of \$16,224 for the same service. Mr. J. E. Cunningham, of Spokane, was awarded the contract under competition, and the items of expenditure in the construction of the Auditorium Wing are as follows:

Contract price	\$84,730.00
Extras	726.00
Heating, ventilating, etc.	3,065.00
Seating	3,304.00
Architect	4,353.00

The Auditorium seats one thousand people below the balcony. The building is fire-proof, with a tile roof. The cost of construction is a little less than 12 cents per cubic foot. The building will be ready for occupancy at the opening of the second semester.

FORESTRY BUILDING

At the April, 1911, meeting of the Board of Regents of the University of Idaho, the following resolution was adopted:

Whereas, the Regents have been notified that Hon. Wm. Deary, for the Potlatch Lumber Company, has offered to donate to the University of Idaho the sum of Ten Thousand Dollars toward the erection of a suitable Forestry Building on the University Campus; and

Whereas, this is the first gift of any considerable amount the University has ever received for this or any other purpose; therefore be it

Resolved, That the Regents accept the gift on behalf of the Institution;

That the thanks and appreciation of the Board are expressed to Mr. Deary for this gift and for his interest in the upbuilding of the Forestry Department of the University;

That the gift of Mr. Deary at this time when the financial aid of the state is insufficient to meet the most pressing need of the University for buildings and equipment is particularly gratifying to the Regents as indicating a just appreciation of the work they are trying to accomplish for the state through the University.

In December, 1911, at a meeting of the North Idaho Forestry Association, a resolution was passed to the effect that it be the sense of those present that the members of the Association pro-rate their holdings in the state of Idaho to the extent of Fifty-eight Thousand Dollars but not to exceed five cents per acre for each member for the purpose of erecting a Forestry Building at the University of Idaho. After a further conference it was decided to ask all the timber owners of the state to contribute, and on a flat rather than on an acreage basis.

The committee from the North Idaho Forestry Association has been cooperating with a committee from the University in

soliciting funds, and at this time approximately Twenty-nine Thousand Dollars has been contributed toward the erection of the building.

ESTIMATES ON STATE ACCOUNT FOR 1913-15

The Legislature of 1911 made the following provision for the different departments of the University for the biennial period:

For general maintenance.....	\$99,800.00
For buildings and permanent improvements.....	28,934.00
For the purchase of land.....	13,000.00
For live stock.....	4,500.00
For stock barns and stables.....	9,500.00
For agricultural extension and experiment farms.....	50,000.00
For the North Wing of the Administration Building (bond issue)	75,000.00

By executive action the appropriation for general maintenance was reduced from \$99,800 to \$80,000; the appropriation of \$28,934 for buildings and permanent improvements was vetoed, and an item of \$50,000 for agricultural extension was reduced to \$24,000. As a result of this cut in the appropriation for maintenance, the University has been unable to make any additions to the faculty in any department, except Agricultural and Domestic Science. The proposed appropriations for departmental budgets were reduced by one-half, and the University Library received less than one-third of the amount that was thought to be necessary for up-keep and reasonable growth. The loss of the appropriation for betterments was met by postponing building repairs that ought to have been ordered at once; by re-laying worn-out board walks instead of replacing them by permanent concrete sidewalks; by postponing the improvements in the heating system to a distant date, and by promising the roofs of the different buildings a coat of paint at a more convenient season.

The estimates recommended for the general appropriation bill for University maintenance for the biennial period are as follows:

FOR GENERAL MAINTENANCE AND BETTERMENTS

Salaries, including a Professorship of Education, a Professorship of Auditing and Accounting, an Assistant Librarian, two additional Instructors, and an addition of \$100.00 to the annual salaries of Instructors occupying full Professorships..	\$105,300.00
Labor and Operation of Plant.....	23,273.00
Departmental Supplies.....	17,883.00
Departmental Apparatus, Machinery, Tools, and Equipment....	35,242.00

Freight, Express, Postage, Telegraph and Telephone.....	4,331.00
Heat, Light, Water, and Power.....	17,634.00
Improvements to Heating Plant and Steam Line.....	8,000.00
Printing, Office Supplies.....	3,894.00
Traveling Expenses.....	4,167.00
Insurance	2,531.00
Library, Books, and Periodicals.....	1,700.00
New Shelving.....	2,200.00
For Purchase of Land.....	15,000.00
Buildings and Grounds, including Grading.....	14,000.00
Improvements on Athletic Field.....	4,403.00
Miscellaneous	2,765.00

Total.....	\$277,627.00
Deduct estimated receipts from endowment funds.....	120,000.00

Amount recommended for appropriation bill for General University Maintenance.....	\$157,623.00
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FOR BUILDINGS AND PERMANENT IMPROVEMENTS

For Site, Building, and Equipment for School of Home Economics	\$100,000.00
For Men's Dormitory and Dining Hall.....	75,000.00
Total.....	\$175,000.00

FOR AGRICULTURE

Service.	General Appropriation.	Bonds.
Farm Engineering and Agronomy Building.....		\$35,000.00
Poultry Buildings and Maintenance.....	\$ 3,000.00	3,000.00
Live Stock.....	2,000.00	
Purchase of Land and Building Sites.....	13,200.00	
Publication of Bulletins.....	2,000.00	
Soil Survey of State.....	8,000.00	
Farm Buildings, Clagstone Demonstration Farm....		3,000.00
Maintenance and Improvements, Clagstone Demonstration Farm.....	4,800.00	
Dairy Barn and Equipment, Caldwell Demonstration Farm		2,000.00
Dairy Herd and Equipment, Caldwell Demonstration Farm	2,000.00	
Maintenance Caldwell Demonstration Farm.....	4,000.00	
Maintenance Gooding Demonstration Farm.....	4,000.00	
Maintenance and Equipment Aberdeen Demonstration Farm	5,000.00	
Maintenance of Farmers' Institutes, Movable Schools, Field Men, and Home Economics Schools....	25,000.00	
U. S. Co-Operative Irrigation Investigations.....	5,000.00	
Total	\$78,000.00	\$43,000.00

COURSES OF INSTRUCTION

In connection with the standard of admission and the requirements for graduation, the courses of instruction which are actually being taught in an institution at any given time afford one of the most important indications of its value and rank educationally.

The number of classes in College during the first semester of 1912-13 is two hundred and eighteen, in the School of Practical Agriculture, thirty-one, and in the Preparatory School, seven.

The subjoined table gives (1) the several departments; (2) the catalog number and title of the various subjects being taught this semester; (3) the number of credit-hours per week in each; and (4) the number of students taking each subject.

FIRST SEMESTER, 1912-13

COLLEGE

		Credits.	No. of Students
I.	Greek:		
	Course 1. Elementary Greek.....	4	6
	3 Xenophon	4	3
	6 Greek Drama.....	3	1
	13 History of Greek Literature.....	2	6
II.	Latin:		
	1 Livy and Cicero.....	4	13
	1a Latin Prose Composition.....	1	11
	3 Horace	3	6
	3a Advanced Prose Composition.....	2	5
	11 Teachers' Course.....	2	5
III.	German:		
	1 Elementary German.....	5	33
	A1 Supplementary German.....	3	17
	3, I Intermediate German.....	4	26
	3, II Intermediate German.....	4	32
	5 Schiller	3	26
	9 Modern Drama.....	2	25
	11 Scientific German.....	4	10
	11a Advanced Scientific German.....	2	2
	13 Goethe	4	8
	21 Teachers' Course.....	3	8
IV.	French:		
	1 Elementary French	5	43
	3 Intermediate French	4	26
	5 Seventeenth Century	3	6
	7 Advanced Prose Composition.....	2	2
V.	Spanish:		
	3 Intermediate Spanish	2	6
VI.	Italian:		
	2 Elementary Italian	3	4
VII.	English Language:		
	1, I Composition and Rhetoric.....	2	49

	Credits.	No. of Students.
1, II Composition and Rhetoric.....	2	45
1, III Composition and Rhetoric.....	2	41
3 Composition	2	43
5 Composition	2	17
7 Advanced Composition.....	2	12
VIII. English Literature:		
101, I History of English Literature.....	2	49
101, II History of English Literature.....	2	41
101, III History of English Literature.....	2	41
103 Shakespeare	2	51
105 Development of English Drama.....	3	4
109 English Novel.....	3	14
111 Nineteenth Century Poetry.....	2	5
115 Great Books.....	2	2
IX. Library Science:		
1 Reference	1	4
X. Public Speaking:		
1 Dramatic Reading.....	3	44
XI. History:		
1 The Early Middle Ages.....	3	26
3 The Renaissance.....	3	26
5 English History.....	2	5
13 Historical Method.....	2	4
15 American Statesmen.....	3	8
17 Thesis	3	1
XII. Political Science:		
1 English Constitutional Law.....	3	15
5 Elements of Economics.....	2	17
XIII. Law:		
1a Elementary Law.....	1	19
1b Property I.....	2	21
3 Contracts I.....	4	21
5 Torts I.....	2	17
7 Common Law Pleading.....	3	17
21 Property III.....	3	19
23a Negotiable Instruments.....	1½	18
23b Suretyship and Insurance.....	1½	18
25 Constitutional Law I.....	2	17
27 Trusts	2	17
29 Code Pleading.....	3	8
31 Persons	2	16
49 Practice I.....	3	9
XIV. Philosophy:		
5 Introduction to Philosophy.....	4	9
XV. Education:		
1 History of Education.....	3	29
3 Educational Psychology.....	3	38
5 School Management.....	2	30
6 Practice Teaching.....	3	4
XVI. Mathematics:		
1 College Algebra.....	4	21
21 Plane Trigonometry.....	2	16
101 Freshman Engineering Mathematics.....	5	27

		Credits.	No. of Students
	103 Sophomore Engineering Mathematics.....	5	10
XVII.	Physics:		
	1 General Physics.....	3	7
	101 General Physics.....	4	26
	105 Analytic Mechanics.....	3	13
	107 Electrical Measurements.....	3	1
XVIII.	Chemistry:		
	1 General Chemistry (three sections).....	4	88
	3 Qualitative Analysis.....	4	27
	5 Organic Chemistry.....	5	7
	5a Organic Chemistry.....	4	3
	7 Advanced Quantitative Analysis.....	4	8
XIX.	Geology:		
	1 General Geology.....	2	28
	3 Crystallography and Blowpipe Analysis....	2	7
	5 General Geology.....	3	11
	9 Economic Geology.....	2	4
	11 Elementary Petrography.....	2	2
XX.	Biology:		
	1 Principles of Biology.....	4	29
	5 Embryology	4	14
	7 Vertebrate Histology and Physiology.....	4	14
	11 Advanced Entomology.....	4	3
XXI.	Botany:		
	1 General Botany (two sections).....	3	65
	3 Plant Anatomy.....	3	21
	7 Diseases of Plants.....	4	4
XXII.	Bacteriology:		
	1 General Bacteriology.....	2	21
	3 Bacteriology of Animal Diseases.....	1	2
	5 Dairy Bacteriology.....	3	2
	9 Soil Bacteriology.....	3	2
	11 Communicable Diseases.....	1	2
	13 Research Work in Bacteriology.....	5	3
	16 Teacher's Course.....	4	1
XXIII.	Forestry:		
	1 General Forestry.....	3	5
	3 Dendrology	4	5
	7 Forest Utilization.....	3	3
	11 Lumbering	5	3
	15 Timber Physics and Technology.....	3	3
	17 Forest Seminar.....	1/2	18
XXIV.	Piano Playing, Theory and History of Music:		
	Piano—		
	5a Piano	4	3
	7a Piano	4	2
	11 Normal Methods.....	2	5
	Individual Instruction.....	2-4	45
	Theory—		
	1b Harmony	2	6
	1c Analysis	1	3
	3b Harmony	2	8

	Credits.	No. of Students.
5b Melody-Writing, Form and Counterpoint..	2	4
7b Counterpoint, Fugue and Composition.....	3	2
History—		
5c History of Music.....	2	10
XXV. Voice:		
Public School Music.....	2	4
Individual Instruction.....	1½-1	33
Choral Instruction.....	1	49
XXVI. Violin:		
Individual Instruction.....	1½-1	13
Orchestra Instruction.....	1	15
XXVII. Band:		
Military Band.....	7	25
XXVIII. Drawing:		
1 Form and Perspective.....	2	7
XXIX. Home Economics:		
1 Elementary Sewing.....	3	16
3 Elementary Cooking (three sections)....	3	50
5 Advanced Sewing.....	1	19
7 Construction	1	5
9 Dressmaking and Design.....	3	11
11 Junior Cookery.....	2	4
13, I Handwork	2	13
13, II Handwork	2	6
15, I Art Needle-Work.....	2	6
15, II Art Needle-Work.....	2	14
17 Millinery	2	11
19 Methods	2	4
21 House Management.....	2	6
XXX. Physical Education:		
Men—		
1, I Physical Training.....	1	22
1, II Physical Training.....	1	13
Women—		
1, I Physical Training.....	1	42
1, II Physical Training.....	1	35
3 Advanced Physical Education.....	1	35
5 Play-Ground Management.....	1	16
Walking Club.....		42
Tennis Club.....		20
XXXI. Military Science and Tactics:		
1 Regulations	1	84
3 Military Science.....	1	49
XXXII. Agricultural Chemistry:		
3 Soils and Fertilizers.....	3	7
5 Chemistry of Dairy Products.....	2	4
XXXIII. Agricultural Engineering:		
3 Farm Motors.....	3	9
5 Farm Drainage.....	2	4
XXXIV. Agronomy:		
Soils—		
1 Cereals	3	7

	Credits.	No. of Students.
3 Soil Physics.....	3	12
Field Crops and Farm Management—		
General Farm Management.....	2	4
XXXV. Animal Husbandry:		
7 Animal Nutrition.....	3	8
9 Advanced Live Stock Judging.....	2	8
13 Practicums	1	4
15 Thesis	2	3
XXXVI. Dairy Production:		
7 Dairy Engineering.....	2	4
XXXVII. Dairy Manufactures:		
1 Farm Dairying.....	3	14
3 Advanced Butter Making.....	3	2
5 Dairy Seminar.....	1	3
9 Ice Cream and Ices.....	1	5
11 Factory Management.....	3	1
13 Thesis	2	2
17 Advanced Butter Making.....	4	1
19 Advanced Ice Cream and Ices.....	2	1
XXXVIII. Horticulture:		
1 Orchard and Garden Craft.....	2	21
3 Practical Pomology.....	3	4
5 Small Fruit Culture.....	3	6
9 Seminar	1	3
11 Commercial Pomology.....	2	3
13 Systematic Pomology.....	2	6
XXXIX. Veterinary Science:		
1 Anatomy	3	15
3 Animal Diseases.....	2	4
5 Clinics	1	6
Teacher's Training Course.....	1	1
XXXX. Civil Engineering:		
1, I Engineering Drafting.....	1	26
1, II Engineering Drafting.....	1	30
11 Structural Drafting.....	1	9
13 Descriptive Geometry.....	2	8
15 Surveying	4	33
21 Testing Laboratory.....	2	8
23 Graphic Statics.....	2	17
25 Railroad Engineering.....	4	6
27 Roads and Pavements.....	2	6
31 Reinforced Concrete.....	2	5
33 Roof Design.....	1	5
37 Water Supply and Sewerage.....	3	6
41 Masonry and Foundations.....	3	6
43 Framed Structures.....	4	5
XXXXI. Mining and Metallurgy:		
1 Fire Assaying.....	2	5
5 Excavations	2	9
7 Mining Methods.....	3	3
9 Mining Economics.....	2	4
11 Metallurgy of Copper and Lead.....	2	4
13 Ore Dressing Laboratory.....	3	3

	Credits.	No. of Students
XXXXII. Machine Design:		
1 Mechanical Drawing.....	2	2
5 Machine Design.....	2	3
XXXXIII. Shop Work:		
1, I Wood Working.....	1	25
1, II Wood Working.....	1	21
1, III Wood Working.....	1	28
3 Pattern Making.....	1	3
5 Machine Shop Practice.....	2	3
6 Machine Work in Iron.....	2	4
XXXXIV. Mechanical Engineering:		
1 Elementary Mechanics.....	2	3
3 Practical Thermodynamics.....	3	12
5 Heating and Ventilation.....	2	6
7 Refrigeration	1	4
9 Mechanical Laboratory.....	1	3
XXXXV. Electrical Engineering:		
1 Direct Current Machinery and Distrib.....	2	16
1a Electrical Problems and Design.....	2	1
3 Electrical Laboratory.....	1	4
9 Water Power Engineering.....	2-3	1
11a Telephone Construction.....	1	1

SCHOOL OF PRACTICAL AGRICULTURE AND HOME SCIENCE

	Credits.	No. of Students.
1. Agricultural Engineering:		
Irrigation Practice.....	4	8
Steam Tractors.....	3	17
Farm Motors.....	4	24
Dairy Engineering.....	2	7
2. Animal Husbandry:		
Types and Breeds.....	5	33
Stock Judging.....	3	8
Live Stock Judging.....	2	17
3. Bacteriology:		
Dairy Bacteriology.....	1	4
Bacteriology	5	7
4. Biology:		
Entomology	3	11
5. Botany:		
Plant Life.....	4	30
6. Dairying:		
Milk Testing.....	3	7
Ice Creams and Ices.....	2	7
Farm Dairying.....	3	21
Dairy Practice.....		7
Butter Making.....	5	7
7. Field Crops:		
Cereals	3	16

	Credits.	No. of Students.
8. Home Science:		
Textiles	3	4
House Management.....	2	4
Cooking III, Food Lectures.....	2	4
9. Horticulture:		
Commercial Pomology.....	2	7
Practical Pomology.....	2	24
Vegetable Gardening.....	2	2
10. Military Science:		
Military Science.....	3	21
11. Physics:		
Physics	4	16
12. Physical Education:		
Physical Training.....	2	38
13. Physiology:		
Physiology	3	15
14. Shop Work:		
Shop 1.....	2	28
15. Veterinary Science:		
Animal Diseases.....	3	11
Clinics	2	14

PREPARATORY SCHOOL

	Credits.	No. of Students.
1. English:		
English A.....	4	20
2. History:		
United States History.....	3	15
3. Latin:		
Latin D, Beginning Latin.....	4	4
Latin C, Cæsar.....	4	5
Latin A, Vergil.....	5	5
4. Science:		
Physics B.....	4	15
Zoology B.....	4	12

THE LIBRARY

The total amount of money expended for books, periodicals, furniture and supplies during the past two years was \$7295.54. This amount was appropriated by the Regents out of the general maintenance fund.

During the past two years a portion of the basement has been set aside as storage space for the Library, which, although not a satisfactory arrangement, has been made necessary by lack of

sufficient shelving and space in the reading room. During this time the number of books, exclusive of documents and pamphlets, has been increased from 12,236 to 16,216 volumes. The government documents will bring the total to about 30,000 volumes.

There have been no additions to the Library staff since the last report.

Research work has been carried on in forestry, ore-dressing, civil engineering, chemistry, and metallurgy, which together with the thesis work of the senior and graduate students makes a constant demand for the latest scientific books and journals. A further demand for both library space and books has been caused by the gradual change in methods of teaching, the instructors requiring more reading of the students, and also by the increase in the number of the student body. The Library is the one part of the University which is of common interest to all members of the faculty, and this interest is shown by the constant use of the Library and a greater demand for the latest scientific and technical books and periodicals.

In order to meet the natural growth of the Library the following needs should be anticipated:

1. Increased Floor Space. At present there is room for only one hundred chairs. Room is also required for additional shelving, as the space now used is overcrowded and books have to be stored in the basement, where they are being injured by dampness, and where they are very difficult of access when required.

2. Books and Periodicals. In order to keep the Library up to date in the various subjects in which courses of instruction are offered, as well as to replace some of the books lost by fire in 1906, at least \$7500.00 per year should be spent during the next two years, to meet these requirements alone.

3. Furniture and Fixtures. In order to provide shelving for new books we should have at least ten floor cases like those now in the Library. Place could be made for them by crowding those which we now have. Additional tables and chairs for fifty should be provided. By very much overcrowding, these could be placed in the present reading room. Shelving, table, and chairs would cost about \$2200.

4. Employees. In order to bring the Library up to its full

efficiency, a complete catalog is required, as an uncataloged library is less than one-half as efficient as one that has been thoroughly catalogued and all material made available. At present our Library can not be kept open evenings as are most college and university libraries. Our students and faculty are anxious that this be done, and it seems that the demand can be best met by the addition of a cataloguer to the present staff. The work might then be shifted so that both a catalog and evening opening could be provided for. The salary of a competent cataloguer should not be less than \$900.00 per year.

The total amount asked for for the Library for two years is then:

Books and Periodicals.....	\$ 15,000.00
Shelving and Furniture.....	2,200.00
Cataloguer's Salary.....	1,800.00
	<hr/>
	\$ 19,000.00

AGRICULTURE

The Agricultural College of the University divides itself very naturally into three departments, namely: First, the Agricultural College proper, which has to do with the education of the students who may come to the institution for training in the scientific and practical phases of agricultural work. The College is supported in this work by approximately one-third of the funds available under the Morrill Act; by the income derived from the sale and lease of Agricultural College lands set aside for this purpose; and by special state appropriations.

Second, The Experiment Station which has for its purpose a solution of the problems relating to agriculture. The funds available for this purpose are derived from Federal appropriations, and up to the present time have had no support from state appropriations.

Third, The Extension Department, or Division of the work which has for its purpose the disseminating of information among farmers and home builders of the state through the medium of demonstration farms, farmers' institutes, movable schools of agriculture, and traveling specialists or fieldmen.

The Agricultural College part of this institution does not have a very brilliant history in the matters of graduates nor of

students. In the college year of 1906 and 1907 the Agricultural College had but one student; in 1907 and 1908 but four students registered for agricultural work; in 1908 and 1909 twenty-three students; in 1909 and 1910 thirty-five; in 1910 and 1911 forty-eight; in 1911 and 1912 fifty-eight; and in 1912 and 1913 seventy-two. These are students taking the regular college work in the four-year scientific courses in Agriculture and Forestry. It will be seen that there has been a marked increase in numbers in attendance during the past seven years.

In addition to this course of study, there has been offered during the past three years a course of study designed for young men and women from the farms of the state who could not be interested in a four-year high school course to be followed by four years of scientific work along agricultural lines in a University. The Agricultural College, therefore, offers a course of study known as the Practical School in Agriculture, which is a course of three winters' work beginning the 15th of October, after the farm work is well over the summer, and closing on the 15th of March, in good season to return to the farm for spring seeding. For this course, in 1910, there were thirty-five students entered; in 1911 this was increased to fifty-nine and in 1912 to seventy-nine. The total number of students, therefore, in attendance at the Agricultural College for the past three years has been: Eighty-three in 1910; one hundred and seventeen in 1911; and one hundred and fifty-one in 1912.

The College at the present time is progressing as rapidly as any other similar institution in the west. It is greatly handicapped in many respects at the present time by inadequate laboratory equipment; and this handicap is going to be greater as the students increase in numbers. Agriculture is an applied science, if it can be called a science at all, and for that reason it must be taught, if taught successfully, very largely by the laboratory method. This method, as everyone knows, is a very expensive means of imparting information, but the only satisfactory way that it can be done.

The class rooms and laboratories of Morrill Hall, the building now set apart for the accommodation of the Agricultural College, are very inadequate. In the matter of Farm Engineering, which has to do with all kinds of farm motors and farm machinery, the

college has had to rent for the past two years an old discarded warehouse down in the city of Moscow to accommodate this department. The building is old and dilapidated, not well lighted, and very cold.

The Department of Agronomy, which has to do with field crops and farm management generally, has no suitable laboratory. They have been endeavoring to use one of the small class rooms in Morrill Hall, and have used the old one-story Annex back of the Administration building for storage. This has been very unsatisfactory; and, as it has been almost impossible to maintain the interest in this very important branch of instruction, there is very urgent need of a building for the joint accommodation of the Farm Engineering and Agronomy divisions of the work. A suitable building, with class rooms and laboratories, can be constructed for \$35,000.00. As soon as a suitable building is provided, the Agricultural Engineering Department can secure all kinds of farm machinery, farm motors, and other equipment that they may desire from the manufacturers without cost to the University. Successful agriculture today can only be carried on with proper machinery. It is highly important that our students should have an intimate acquaintance with the construction and management of all kinds of machinery, farm motors, etc. The day is not far distant when electricity is going to play a very important part in agricultural work, and it is important that the young farmers who are preparing themselves for the future should have some knowledge along this line.

Another very important line of work, which the College has been unable to take up at all, has been the poultry industry. There has been a very urgent demand for the establishment of this Division, but so far there have been no funds available. The poultry interests of the state are large and very important. A very great interest is manifested through the correspondence received at the College in this industry, and our students are anxious to gather information which we are not in a position to give. It is urgently desired, therefore, that an appropriation of \$6,500.00 be secured for the establishment and maintenance for the next two years of a Poultry department. This division, in common with the Live Stock or Animal Husbandry Division,

can be made self-supporting and of immense service to the small farmers and laboring classes in this state.

The Live Stock Division, at the present time, is in excellent condition insofar as it goes. There has been sold from this division from October 1, 1911, to October 1, 1912, \$6,849.79 worth of live stock. We still need some new types and representatives in this department, and some additional equipment; for instance, we have at this time no barns or stables for the sheep or for the hogs. There should be an appropriation of at least \$2000.00 for this division, which is one of the most important and also one that can be made to produce a good revenue when once well established.

The University campus has never been completed; and, particularly that portion that has been set aside for the Agricultural College has a large number of privately owned houses and lots cutting into it in various places. Immediately adjoining the new stock and dairy barns on the college farm there is a tract of five acres of land with a house, barn and orchard that very seriously interferes with a convenient arrangement of the farm buildings and roads. This five acres of land should be purchased without delay. There is also required for a suitable location for an Agronomy and Farm Engineering building a tract of four acres, within the city limits, on which there are two good houses, and which will ultimately be required for other University buildings. These two tracts will cost \$9000.00. They can be purchased for that now, but if other improvements are added to them, which probably will be the case, they will cost very much more. The timber interests of the state have assessed themselves a sufficient sum to pledge the University with the construction of a Forestry building to cost \$60,000.00. It will be necessary for the Agricultural College to ask the state for an appropriation of \$1,700.00 to buy a small tract of land as a site for this building. The site has been chosen by a committee of the lumbermen and an option has been secured upon it for the above sum. Immediately adjoining Morrill Hall on the north is a strip of land separating the Hall from the street, which should be purchased as soon as it can be secured. Three lots of this strip are now on the market; and, while there is a very good house situated on them, they can be secured for

\$1,500.00 and these should be purchased as soon as possible. There are also two acres of land lying right in the center of the Agricultural College campus that have been rented by the College for several years, and upon which they have an option to purchase for \$1000.00. This option expires early in June of 1913, and should be taken up by all means.

EXPERIMENT STATION

The Agricultural Experiment Station of Idaho has not had any direct appropriations from the state for its maintenance or support since its establishment. The money for this work and for the publication of the bulletins giving the results of such experiments and research work as has been undertaken, has been supplied by Federal appropriations for the support of such Experiment Station work. In the earlier years, during which these Federal appropriations were available, there were few restrictions placed upon the expenditure of this money. In recent years, however, the Office of Experiment Stations in the United States Department of Agriculture has deemed it necessary to restrict the use of this money to certain classes of experimental station work. They having deemed it necessary to require the various states to appropriate sufficient funds to extend the work of the Station so as to bring it within the practical field for the direct benefit of the farmers of the state. This ruling has not affected the older and more wealthy states, as they have always appropriated more or less state funds for the furtherance of this experimental work, but it does, however, seriously affect the Experiment Station in Idaho, for the reason that they have restricted the expenditure of these Federal funds very largely to research work; and, in the matter of publications, they restrict the use of the funds for this purpose to the publication of the results of actual research work at the Station. It is a well-known fact that the science of agriculture is at least ten years ahead of the practice; in other words, there is a vast amount of really valuable information that has been compiled from successful farm practice and from the various Experiment Stations that is not in a form available for the general farmers of this state. At present we have no means of disseminating this information. The state should appropriate an amount equal to that available

from Federal funds—this, however, would be asking too much of our state legislature at this time. The Experiment Station should have an appropriation of \$2000.00 for the next biennial period for the purpose of publishing bulletins and putting them in reach of farmers of this state. At the present time, owing to the increase in the Station force, and in the amount of work that has been undertaken in research lines, seventy-five per cent of the Federal funds are utilized in paying salaries of the various professors and experts in the Agricultural Department who are devoting a portion of their time to reasearch work in addition to conducting the classes in the Agricultural College. Valuable experiments are now under way in an endeavor to determine the proper handling of the soils of this state in order to maintain and increase their fertility through the aid of the bacteria in the soil. Sufficient work has already been done to render it absolutely certain that the fertility of much of the soil in Idaho is dependent very largely on the action of some form of bacteria, which is as yet very little understood. This Station has taken the lead in this bacterial research work; and, from results already obtained, we hope soon to have something ready for publication that will be of importance and valuable to the farmers of the state and nation.

In the Horticultural field, several lines of investigation are under way, looking to the solution of problems affecting the growing of tomatoes, onions and other garden vegetables; and also in a line of research from which we hope to develop an Idaho apple of especial merit for Idaho conditions. Three years' work has already been done in this line, and we have very promising results.

In the Chemistry Department, a vast amount of work has been done in the study of the wheats of this state and their comparative value for milling purposes.

In Agronomy, a careful study is being made of the different grains and grasses that may be most valuable for our conditions in Idaho. Some work is also being undertaken with an idea of determining a proper rotation of crops for the maintenance of soil fertility and for the most productive yields of those crops which will bring in the largest returns financially.

In the Animal Husbandry Division, feeding experiments are

being undertaken with hogs, sheep, and cattle. In each case, we are hoping to determine the value of alfalfa hay and the various small grains that are now being raised in this state for the purpose of feeding live stock of some kind. Idaho is the third greatest state in the Union for sheep production; and yet we finish very few lambs or sheep in order to make them ready for the best market.

In the Division of Soils some work is being done in the matter of a classification of the soils of the state. This work should be greatly extended. We have a wide variety of soils in the state of Idaho, and no one has very much knowledge as to their composition or value. It is very important that this work should be taken up systematically and a complete primary survey made; also an analysis of the various types of soils and a classification as to their value for certain crops. An appropriation of \$8,000.00 for the next biennial period should be made for this purpose. It is the practice of the United States Geological Survey to spend an equal amount to that appropriated by any state for work of this sort.

UNIVERSITY EXTENSION

The Extension Department of the Agricultural College and Experiment Station is probably the most important field at the present time in the state of Idaho. The farming industry in this state is in its infancy. Hundreds of thousands of acres of land have recently been reclaimed from the desert, and thousands of farmers who have taken up this land have no knowledge of our conditions and no means of obtaining information that will help them to succeed. Farmers' institutes have been held in this state for many years. While these are valuable as a means of inspiration and help, yet they cannot give that detail of instruction that is required by these new farmers in all parts of this state.

Four years ago there was appropriated the sum of \$8,000.00 for the biennial period for the conduct of several demonstration farms and for the holding of institutes within the state. Two years ago the legislature appropriated \$50,000.00 for the extension work in the state, which was later reduced by executive action to \$24,000.00 for the biennial period. Under these appropriations

there have been four demonstration farms established in the state. The first of these to be located was the one at Caldwell. This, unfortunately, has not been a very great success, owing to its unfortunate location, the farm being underlaid with a rock hardpan to a depth of several feet, with only from twelve to eighteen inches of surface soil. At this farm, therefore, it has been necessary to make a soil problem of the work rather than a demonstration farm, and it will require a good many years to obtain reliable results from its conduct along these lines.

The Gooding demonstration farm consists of forty acres, and is one of the most valuable of its kind in the United States. Here the work has been in the nature of investigations along the lines of irrigation and irrigation farming. Results have been obtained on this farm on the use and duty of water under irrigation that have already been of immense value to the farms of that district, and the farm is only in its beginning.

Another demonstration farm has been established in the cut-over timber lands in northern Idaho, and is located at Clagstone, in Bonner county. The problem in this section is to determine the best method of clearing this land and preparing it for the production of profitable crops. This section of Idaho is especially adapted for live stock and dairying, and we hope to develop this farm along those lines.

A Dry Farming Station has recently been established within the past year at Aberdeen, in Bingham county. The object of this demonstration farm is to determine the best method of developing and maintaining the immense acreage of dry-farming territory in southern Idaho and the growing and disseminating of seed for crops adapted to this system of farming.

In addition to the demonstration farms, there has been established a system of Movable Schools of Agriculture. These schools are planned to improve and extend the work of the Farmers' Institutes. The schools are held for one or two weeks and are scattered throughout the state so as to reach as many farmers as possible. Actual demonstration and practical instruction is given in the particular branches of farming that are being or should be carried on in the section where the school is being held. Last year there were nine of these schools conducted in southern Idaho of one week each. The average daily

attendance of these schools ranged from eighty-two to two hundred and thirteen. The demand for this work has been very great for the coming year, and fifteen schools have been arranged for. The Farmers' Institute work has not been neglected, since this work can be taken into more remote sections of the state where the farm schools can not be held.

There was also conducted last year a demonstration train equipped with live stock and agricultural exhibits representing experimental work over every railroad line in the state. In northern Idaho there was an attendance upon the demonstration train service of 6,087 visitors. In southern Idaho there were seventy-eight towns visited and a total of two hundred and forty lectures given to a total attendance at the lectures and for the inspection of the train of 13,952 persons. During the year there were fifty Farmers' Institutes held with a total attendance of 3,675 persons. In the fifty institutes there were one hundred and eleven sessions of an average of two and one-half hours in length. Practically every county in the state has been reached in this work.

In addition to the demonstration farms, movable schools, farmers' institutes, and demonstration trains, there has been one fieldman engaged permanently in advancing the dairy industry in southern Idaho. This work has been exceedingly valuable and should be extended and continued the coming two years. There has been a county agricultural expert employed in Lincoln County, and also one in Bonner County during a part of the past year. Also, there has been a pure seed commissioner employed in the work of carrying out the provisions of the pure seed law passed at the last session of the legislature and in developing the growing of pure seeds as an industry.

The work at the Gooding demonstration farm and also at the Aberdeen demonstration farm, has been conducted jointly by the state and the United States Department of Agriculture. The Department of Agriculture have also cooperated with the state and the counties in the employment of a fieldman at work in this state. The general plan being for the state to furnish one-half of the funds and the Department of Agriculture the other half. This work can be greatly extended and improved with an increased appropriation. The plans for the demonstration farms

for the coming biennial period include the construction of a small residence and barn with some few outbuildings on the Clagstone farm. At present there are no buildings except a small office building. It is desired to make of this farm a live stock demonstration farm in addition to the demonstration work in the clearing of the land. The improvements will call for an expenditure of at least \$3,600.00 in order to make it of any great service to the people of north Idaho. It will also require an expenditure of \$3,000.00 annually for maintenance until it can be put on an income basis, which should be accomplished in a few years.

The Caldwell demonstration farm should be equipped as a demonstration dairy farm for south Idaho. Dairying is bound to be one of the greatest industries of south Idaho, and the state can do no greater good at the present time than by conducting this farm as a demonstration in this particular field. It is now equipped with a good house and a seed house, together with suitable farm machinery, but should have a modern farmer's dairy barn and a dairy herd; and, when this is done, it would soon be placed upon a self-supporting basis. Four thousand dollars should be expended for the establishment of this dairy work the coming year. In addition there should be available \$4,000.00 for the support and development of this Station for the next biennial period.

In our agreement with the United States Department of Agriculture we are required to expend \$2,000.00 annually for the support and maintenance of the Gooding Experiment Station. This would make \$4,000.00 for the next biennial period. At the Aberdeen Station, which is newly established and also on a cooperative basis with the government, there will be required at least \$5,000.00 for the next biennial period. In addition to the fieldman already employed, we should have a thoroughly competent woman to take charge of the extension work in Home Economics, and there should also be provision made for a fieldman in Horticulture. Thousands of acres of land are being planted to fruit trees each year in this state, the majority of which, perhaps, can never be made profitable for the production of fruit, owing to the fact that suitable varieties are not planted; and what varieties are planted are being set out in locations not

adapted for fruit raising. A great amount of money can be saved to the farmers of this state by a field horticulturist who could devote his time to meeting these people wishing information on this subject. The sum of money desired for the continuance and the extension of the movable school work, farmers' institutes and fieldmen will be in addition to the work above outlined.

The United States Department of Agriculture is very desirous of further cooperation in the study of the matter of practical irrigation. They are already expending quite a good deal of money on this work, but are not able to accomplish the work which they hope to do because of the lack of funds. In order to more fully cooperate in this work the Agricultural College and Experiment Station should have the sum of \$5,000.00 for the next biennial period to be expended in irrigation investigations in cooperation with the United States Department of Agriculture.

The Agricultural College, therefore, requires the following appropriations for the successful conduct of its legitimate work for the next two years:

COLLEGE.

Farm Engineering and Agronomy Building.....	\$ 35,000.00
Poultry Buildings, Equipment and Maintenance.....	6,000.00
Pure-Bred Live Stock.....	2,000.00
Purchase of Land and Building Sites.....	13,200.00

EXPERIMENT STATION.

Publication of Bulletins.....	2,000.00
Soil Survey of State.....	8,000.00

UNIVERSITY EXTENSION.

Farm Buildings, Clagstone Farm.....	3,000.00
Maintenance and Improvement, Clagstone Farm.....	4,800.00
Dairy Buildings and Dairy Herd at Caldwell Farm.....	4,000.00
Maintenance and Improvement at Caldwell Farm.....	4,000.00
Maintenance at Gooding Farm.....	4,000.00
Maintenance at Aberdeen Farm.....	5,000.00
Maintenance of Movable Schools, Farmers' Institutes, Fieldmen, Home Economics Schools, Etc.....	25,000.00
Co-Operative Investigations in Irrigation.....	5,000.00

Total	\$121,000.00
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AGRICULTURAL EXTENSION UNIVERSITY OF IDAHO
AUGUST 1, 1911, TO SEPTEMBER 30, 1912

Dean W. L. Carlyle,
University of Idaho,
Moscow, Idaho.

Dear Sir:—

I respectfully present my first annual report covering the work of the Agricultural Extension Department from August 1st, 1911, to September 30th, 1912.

OUTLINE OF THE WORK

I began my work for the University July 22nd, 1911. At your request I gave ten days' lectures at the Summer Normal at Sandpoint, Idaho, as my first work. These were lectures on Agriculture seeking to answer these two questions for the rural teachers: What to Teach, and How to Teach Practical Agriculture in the Rural Schools of our State.

Early in August, in your office, we planned out the work for my department for the coming year.

The central office for the work was retained in Boise. My predecessor, Professor F. D. Farrell, had organized the preceding year the Extension work for South Idaho, and had been given supervision of the sub-station work in that part of the state in addition to the regular Extension work for South Idaho.

The Extension work, at the beginning of my service, was broadened to serve the entire state, and I was given the general supervision of the North Idaho Station at Clagstone Junction, as well as the stations in South Idaho.

It was agreed further that I was to do all I could for the furtherance of agricultural instruction in the rural schools of the state.

For my own convenience and to better systematize the work, I divided my duties into the following divisions:

- I. Agricultural Education.
- II. Movable Schools and Farmers' Institute Work.
- III. Demonstration Trains.
- IV. Sub-Station Work.
- V. General Office and Correspondence Work.

We will report upon each in detail.

I. AGRICULTURAL EDUCATION

The laws of Idaho now require rural teachers to take an examination in Agriculture showing qualifications for teaching this subject in the rural schools. My Sandpoint experience convinced me that but a small fraction of the rural school teachers were prepared to give practical instruction in Agriculture in their schools. Since they were in said schools at work the only way to render *immediate* help was to either put out, in pamphlet form, outlines to help them, or institute a correspondence course of lectures giving the information which they desired and really needed. Conferring with Miss Shepherd, our State Superintendent, I found that there was no fund to cover publication or pamphlet or lectures. This being new work there was no extension fund to cover same. We therefore decided upon the preparing of some sixteen lectures to be given to Miss Shepherd's office, these to be sent out to each County Superintendent, and they in turn agreed to send copies for their rural teachers. Members of your Agricultural College staff of workers very kindly helped me to prepare an outline lecture form as follows:

- Lecture I. Soils of the Rocky Mountain Region. W. H. Olin.
- Lecture II. Plant Life. W. H. Olin.
- Lecture III. Live Stock on the Farm. Dean W. L. Carlyle and Prof. Iddings.
- Lecture IV. Sheep, Swine, and Poultry. Dean W. L. Carlyle and Prof. Iddings.
- Lecture V. Domestic Art and Science. Miss Alba Bales.
- Lecture VI. Domestic Art and Science, concluded. Miss Alba Bales.
- Lecture VII. The Weather Bureau and the Farmer. Mr. Edward L. Well, Director Idaho Station, U. S. Weather Bureau.
- Lecture VIII. Fundamental Terms in Irrigation Practice. W. H. Olin.
- Lecture IX. A Lesson on Idaho Forests and Their Relation to Agriculture. Prof. C. H. Shattuck.
- Lecture X. Seed Selection and Seed Testing. W. H. Olin.
- Lecture XI. Fundamentals of Dry Farming. W. H. Olin.
- Lecture XII. Common Diseases of Live Stock in Idaho. Dr. E. T. Baker.
- Lecture XIII. Studies in Hygiene. Applied to Rural Conditions. Prof. J. F. Nicholson.
- Lecture XIV. Fruit Culture in Idaho. J. U. McPherson, State Fruit Inspector.
- Lecture XV. Spraying to Combat Insect Ravages in Orchards. J. U. McPherson, State Fruit Inspector.
- Lecture XVI. Potato Culture Clubs. Extension Bulletin No. 1. W. H. Olin.

Early in November I gave a series of lectures in Agriculture to rural teachers at a joint institute at Pocatello, where teachers from eleven counties assembled for a week's instruction on pedagogical lines. At a similar gathering of teachers at Lewiston, second week in November, I gave lectures on Agriculture; also first week of January, 1912; and last week of August in Boise. Last of March addressed teachers of Kootenai and Shoshone counties at Coeur d'Alene, and Bonner county at Sandpoint. I also addressed a County Trustees' meeting upon Agricultural Education in Rural Schools, at Weiser, Sandpoint and Coeur d'Alene, in February and March respectively.

I have thus within the year been able to reach more than three thousand teachers. Besides this, I assisted your workers the last week of the Summer Normal in July at the University.

II. MOVABLE SCHOOLS

VISITATION AND PLAN OF ORGANIZATION

To determine the best locality for the Movable Schools, where we might do the greatest good to the greatest number, I made a careful study of South Idaho and the settlements therein.

I visited personally every point that seemed at all feasible for this work, and talked with the leaders of that locality. Professor F. D. Farrell gave some very good suggestions about many of these points and helped us greatly in this phase of the work.

Because of our limited means and time at our disposal for these schools with two demonstration trains to run, we made one week of six days the full time limit of these schools.

To determine the extent of interest at each place and to insure the attendance adequate to the necessary expense of holding a Movable School, we sent out a petition form and asked for at least one hundred fifty farmers to sign same calling for the establishment of the school at that point and agreeing to attend a part or the whole of the time the school should be held.

No fee was required beyond their local expense, but each locality desiring to hold the school was asked to furnish a well-lighted, well-heated hall for the meetings; agreed to room and board, at some central point, the corps of instructors for the week the school shall be held, without expense to said instruct-

ors; and to appoint such committees as shall be asked for, to prepare, with the Extension Department, the details of the school.

We sought to fairly well distribute these schools over South Idaho, where we could most advantageously work and which did not have a Movable School the preceding year.

CYCLES

Because we felt we could economically and effectively handle the schools in cycles of three, we divided the schools on that basis, grouping the three schools together that we felt we might most advantageously reach. The first cycle consisted of three schools on the North and South Side Twin Falls Tract at Jerome, Burley and Buhl, held under the auspices of the Commercial Clubs at Burley and Buhl, and under the direction of the Farmers' Union at Jerome; time February 5th to 10th. The second cycle was to have included Fruitland in its group, but a serious scourge of scarlet fever closed the schools and rendered this impracticable, so Kuna was chosen instead. This gave us Fair Acres Grange, eight miles south of Notus, Kuna and King Hill. We cooperated with the Commercial Club at Kuna, the Farmers' Club at King Hill, and the Grange at Fair Acres; time February 12th to 17th. The third cycle was given to Aberdeen, Bancroft and Rigby, cooperating with Commercial Clubs at the first two, and the Farmers' Union at the latter place; time February 19th to 24th.

SESSIONS HELD

We arranged to hold sessions at such hours as would be convenient to farmers to attend. Forenoon sessions, 10 to 12 a. m.; afternoon, 2 to 4 p. m. For the benefit of the people of the town who very largely contributed to finance the school, we gave three evening lectures of an interesting and popular nature upon subjects correlative to the work of the school. Thus we had lectures beginning at 8 p. m. each Monday, Wednesday and Friday nights of each cycle of schools. This gave fifteen sessions to each school held.

Many farmers attending in the daytime found it possible to

go out some several miles, "do up the chores," and be in for these evening sessions, which were quite generally well attended.

DOMESTIC SCIENCE SCHOOLS

The call for some Domestic Science work in connection with these schools was most urgent and insistent. Because the Extension Department had no worker in this line, arrangements were made with President Black of Lewiston State Normal, Miss Alba Bales of the same school, and Mrs. E. J. Iddings of Moscow, whereby Mrs. Iddings took Miss Bales' classes at the Normal, while Miss Bales came to assist us in the Movable School work.

To make the circuit of the nine schools seemed too strenuous and we, therefore, gave a full week to this work at each of the following named points: Burley, Fair Acres Grange Hall, and Aberdeen.

Monday of each week was spent by Miss Bales in conference with those who desired to take up the work, and from this "get-together meeting" Miss Bales obtained the facts which enabled her to plan the work of the week to fit the needs. She found that using the morning for conference and giving the work she desired them to have in the afternoon gave the best results. Thus, the busy housewife got her work out of the way before dinner so she could give the afternoon to the Movable School.

At the Burley school a number of women walked in from the country several miles to the lectures daily. At the close of the week's work the ladies of the Burley School gave a chicken dinner under Miss Bales' direction, which was a pronounced success. These women cleared more than enough to pay all expenses of the school. Over one hundred were in attendance at this school.

The Fair Acres Grange people were to secure a tent for the Domestic Science School, but, failing to do so, the lectures were given in the Grange Hall with demonstrations afternoons in a nearby farmhouse. About fifty ladies took the work here.

At Aberdeen a special room was fitted up temporarily with such apparatus as could be assembled. The ladies of Aberdeen most fully appreciated the privilege of having this work. Over

seventy-five ladies took the work for the entire week.

CORPS OF INSTRUCTORS IN THE MOVABLE SCHOOLS

- AICHER, L. C. Supt. Dry Farm Station at Aberdeen. Topic, Alfalfa (Non-Irrigated) and Dry Farming.
- BARK, DON H. In charge of U. S. Office of Irrigations for Idaho. Topic, Duty of Water.
- BLISS, E. R. Pres. Colo. Farmers' Congress and State Seed Growers' Association, Greeley, Colo. Topic, Potato Farming.
- GREGG, O. C. Dairy Farmer and Institute Lecturer, Lynd, Minn. Topic, Dairying.
- IDDINGS, E. J. Prof. Animal Husbandry, U. of I., Moscow, Idaho. Topic, General Live Stock Farming.
- MCPHERSON, J. U. State Fruit Inspector, State House, Boise. Topic, Horticulture.
- OLIN, W. H. Director, Agricultural Extension, U. of I. Topic, Soils, Seed Selection, Crop Rotation, Dry Farming.
- RISSE, A. K. Western Manager, U. S. Dairy Division, Colorado Springs, Colo. Topic, Dairying.
- TALLMAN, A. V. Assisting Engineer, U. S. Office Irrigation Investigations for Idaho, Boise, Idaho. Topic, Duty of Water.
- WELCH, J. S. Superintendent of Experiment Station, Gooding. Topic, Soil Fertility.

EVENING LECTURES

- ARNOLD, E. C. Atty. at Law, Boise, Idaho.
- BARK, DON H.
- MACLEAN, JAMES A. President U. of I., Moscow, Idaho.
- MCPHERSON, J. U.
- OLIN, W. H.
- SHEPHERD, GRACE M. State Supt. of Public Instruction, State House, Boise, Idaho.

ATTENDANCE RECORD OF FIRST CYCLE OF SCHOOLS.

Session.	Jerome.	Burley.	Buhl.
1st	55 present	150	75
2nd Monday	85	150	75
3rd Lecture	90	250 night lecture	50
4th	90	175	125
5th Tuesday	95	175	150
6th Wednesday	100	250	100
7th	100	300	125
8th Night Lecture.....	85 night lecture	200 night lecture	90
9th Thursday	85	275	100
10th	100	300	125
11th Friday	80	225	120
12th	95	250	160
13th Night Lecture.....	50 night lecture	125 night lecture	200
14th Saturday	75	175	200
15th	90	200	250
Average Attendance.....	82	213	144

ATTENDANCE RECORD OF SECOND CYCLE OF SCHOOLS.

Session.	King Hill.	Kuna.	Greenleaf.
1st Monday	30	100	45
2nd	50	125	70
3rd Lecture	125	175	85
4th	40	85	45
5th	75	100	70
6th Wednesday	45	30	50
7th	55	75	75
8th Night Lecture.....	120	150	125
9th	35	15	30
10th Thursday	50	50	50
11th Friday	40	20	25
12th	100	100	60
13th	125	200	60
14th Saturday	35	40	30
15th	35	125	45
Average Attendance.....	60	86	55

ATTENDANCE RECORD OF THIRD CYCLE OF SCHOOLS

Session.	Aberdeen.	Rigby.	Bancroft.
1st	45	125	35
2nd Monday	80	200	95
3rd Evening Lecture.....	200	300	200
4th Tuesday	60	200	85
5th	100	300	125
6th Wednesday	50	200	60
7th	75	275	80
8th Night Lecture.....	150	90	250
9th Thursday	75	75	80
10th No Session		125	100
11th Friday	50	100	60
12th	75	200	75
13th	200	250	200
14th Saturday	50	120	60
15th	100	175	75
Average Attendance.....	90	186	102

In interest and number in daily attendance the Burley School led, with Rigby a close second. These schools certainly have proven centers of interest and through them the University is being brought into closer touch with the farmers and the people of the various towns where they are held.

The people appreciated meeting President MacLean, and we were quite fortunate in having a lecture from him at each Movable School. Mr. Bark could not make all his dates, but sent Mr. A. V. Tallman, a competent assistant engineer, where he could not be, so there was no date for irrigation discussion that was not filled. We found that making a day for potatoes or fruit, or irrigation or live stock, or dairying, was quite desirable. This gave the farmer a chance to have his questions answered,

and if persons could not attend the entire week they made it a point to be there on the day when the particular topics they were most interested in were discussed.

At each school a special committee provided animals for a live stock demonstration and a suitable place to hold same. Another committee provided grain, soil, potatoes, and grass samples for school examination and discussion, while still another committee looked after fruit samples desired by the horticultural lecturer.

The work with potatoes led to the reorganization of a potato growers' association at Aberdeen, and the formation of a new one at Rigby.

Mr. Bliss, our potato lecturer, was so pleased with the possibilities of good seed production on the dry farms around Rigby and Aberdeen that he desired to test the growing of the same in a practical way. He therefore agreed, on leaving us at Aberdeen, to send out four sacks of seed Pearls for us to test with dry farmers adjacent to the station, where Superintendent Aicher could superintend the work.

These schools are carrying the College of Agriculture of the University to the people in a most effective and, in my judgment, a most practical way. May we soon have the funds to do more of this work and reach every part of the state not now served.

FARMERS' INSTITUTES

The report upon the Farmers' Institutes is given in the report on the Northern Pacific Demonstration Train. They were "follow-up" institutes and for that reason are given with the train report. The Farmers' Institutes were begun in South Idaho at Emmett, January 29th. Superintendent Knipe of the city schools, and the Commercial Club united in making the meetings a success. The meetings were held in the high school assembly room. Mr. O. C. Gregg and Deputy Fruit Inspector Newcomb assisted me in this Institute. Fruit, dairying, crop rotation, and selection were topics discussed at Emmett.

Morning session.....	75 present.
Afternoon session.....	250 present.
Evening session.....	200 present.
Jan. 30. Institute at New Plymouth. One session, 75 present. Poorly	

advertised, little interest taken. Mr. Newcomb addressed the meeting. I held a get-together meeting with the Commercial Club of Fruitland, 80 present, and planned for a Fruit Institute at that point, March 1 and 2.

- Jan. 31. Payette Institute. Conflicting meetings. Compromise made whereby we had one session, 150 present. Mr. Newcomb and Mr. Gregg, lecturers.
- Feb. 1. Parma Institute. Chicken Show in connection. A great success; two sessions, 175 each session. Mr. Newcomb and Father Gregg, lecturers.
- Feb. 2. Bliss Institute. Poorly advertised, small attendance. Lecturers, Father Gregg and Supt. Welch of Gooding Station, 2 sessions; 50 in attendance each session.
- Feb. 3. Gooding Institute. Poorly advertised. Strife between settlers and company over water. One session held, 50 in attendance. Lecturers, Father Gregg and myself.
- Feb. 5 to Feb. 24. Given to work of Movable Schools.
- Feb. 26. Dairy Institute at Wendell, conducted by Prof. A. K. Risser. A general Round Table Conference on dairy cows, how and where to get them. The interest manifested at this Institute brot about plans whereby Prof. Ellington was employed to go East and purchase some 300 choice dairy cows for farmers of Jerome and Wendell districts.
- Feb. 26. Weiser Institute. This meeting was poorly advertised. Two sessions, 50 present. Lecturers, Prof. Wicks, Prof. Iddings, and myself.
- Feb. 27. New Meadows Institute. Good interest shown, 70 in attendance. Lecturers, Prof. Iddings and Prof. Wicks.
- Feb. 28. Council Institute. Two sessions. Attendance 110. Good interest shown. Lecturers, Prof. Iddings, Prof. Wicks, and myself. County Supt. Neale joined us at New Meadows and aided us in all institutes held in Adams County.
- Feb. 29. Indian Valley Institute. County Supt. Neale drove us from Council to Indian Valley, some 19 or 20 miles, over almost impassable roads. Morning, afternoon, and evening sessions held. At close of afternoon sessions Supt. Neale drove Prof. Iddings and Prof. Wicks back to Council and I gave an evening lecture at Indian Valley; attendance 165.
- Mar. 1. Cambridge Institute. Poorly advertised. No attendance at forenoon session. Prof. Wicks and myself went on down to Fruitland Fruit Institute. Afternoon nearly 100 came out to hear Prof. Iddings and at their urgent request he held a night session of the Institute.
- Mar. 1 and 2. Fruitland Institute. Our first session was called in the evening of March 1st with fully 500 present. Speakers, Prof. Wicks, State Supt. Shepherd, and Miss Bales. Saturday forenoon and afternoon sessions were held. Speakers, State Fruit Inspector McPherson, Prof. Wicks, Supt. Ontario City Schools and myself. A pruning demonstration was given in a nearby orchard. Attendance 200 in the forenoon and 300 in the afternoon. The most thoroughly successful fruit institute of the entire season.
- Mar. 4 and 5. Richfield Institute. Little interest the first day and small attendance. Second day, more in attendance and a greater interest shown. Workers failed to arrive and I held all three sessions that day alone. Second day State Fruit Inspector and

Assistant Engineer Tallman from Mr. Mark's office came to my assistance. In a farmers' round table which we held in the forenoon of the second day a commercial travelling man interested in hogs gave a splendid hog talk. Attendance increased from 25 in the first session to 75 in the last session.

OWYHEE COUNTY TRIP.

- Mar. 6-8. We gave two institutes in Owyhee County March 7 and 8. At Bruneau March 7, we held three sessions with 50 present in forenoon and 150 present at the other sessions. Lecturers, Mr. D. R. Hubbard on Dairy Cows and Hogs, State Fruit Inspector McPherson on Fruit, State Supt. Shepherd on Potato and Sewing Clubs, W. H. Olin on Crop Rotation and Seed Selection. At Grandview, March 8, held two sessions in the new school house. Same corps of lecturers, 100 present.
- Mar. 9. Held a one-session institute on return to Mountainhome. Little interest manifested. 150 present.
- Mar. 11, Monday. Weston Institute. Work at University prevented any assistance from staff of workers and I conducted a three-session institute at this point alone. Great interest shown, attendance good. Forenoon session, 130 present and evening session, 200 present.
- Mar. 12. Dayton Institute. Bad roads and poor advertising prevented a good attendance. One session only held, 20 present.
- Mar. 13. Preston Institute. Falling weather at this point but attendance surprisingly good. A live Farmers' Institute Association here. 50 present in forenoon. No workers from the University with me and I was ably assisted by Prof. Morrison of the Oneida Stake Academy and by President of the Cache Valley Fruit Growers' Association of Logan, Utah. A fine institute. 200 in the afternoon.
- Mar. 14. Oxford Institute. An afternoon and evening session was held again without helpers. Attendance 25 at one and 75 at the other session.
- Mar. 15. Downey Institute. Called Prof. Maughan of State Academy to help me for two days. One session only held here. Prof. Maughan and myself speakers. 60 present.
- Mar. 16. McCammon Institute. But little interest shown. 50 present. Only one session held. Lecturers, Prof. Maughan and myself.
- Mar. 18. Hagerman Institute. Small attendance but much interest shown in fruit, potatoes, and pure seed law. 25 present forenoon session, 75 at afternoon session. State Fruit Inspector McPherson assisted me at this institute. We discussed the three topics named above.
- Mar. 20. Ashton Institute. A furious snowstorm blocked the roads making them well night impassable. Two sessions held in the afternoon, 30 present, evening 23 present. Dr. E. T. Baker assisted me here.
- Mar. 21. St. Anthony Institute. Found I had not reached the farmers thru the secretary of commercial club, Mr. Reed. Roads almost impassable. Afternoon session 50 present, evening session 21 present. Lecturers, County Supt. Miss Wood, Dr. Baker and myself.
- Mar. 22. Rexburg Institute. Found that a church anniversary was in full swing. Compromised on one session with Mormon leaders and

had a rousing meeting, 100 present. Lecturers, Dr. Baker and myself.

Mar. 23, 24, and 25. Paris Institute. This will go down as the one three-day institute of the year and as the best, most enthusiastic Farmers' Institute of the whole season. Lecturers, Dean Carlyle, Prof. A. K. Risser,, E. F. Rinehart, J. S. Welch, State Superintendent Shepherd, Dr. Baker, and myself. Prof. A. J. Knapp, instructor in Agriculture at Fielding Academy, and Principal Morgan joined with the local committee and worked up a splendid attendance. The agricultural students were excused from all classes at academy and attended each of the nine sessions of the Institute. The Live Stock Demonstrations by Dean Carlyle were certainly greatly appreciated. Attendance as recorded by Prof. Knapp was as follows:

Saturday, March 23—

1st session.....	225
2nd session.....	300
3rd session.....	225

Monday, March 25—

1st session.....	300
2nd session.....	350
3rd session.....	400

Tuesday, March 26—

1st session.....	400
2nd session.....	500
3rd session.....	475

Mar. 28. Malad Institute. A conflict in advertised date caused a lessened attendance. Three sessions held, great interest shown. Attendance 200. Lecturers, J. S. Welch, Dr. Baker, Dean Carlyle, and E. F. Rinehart.

This closed the Spring Institute campaign.

SUMMER INSTITUTES

Because of the scarlet fever epidemic in the spring, Midvale did not have an institute in the spring schedule. At the request of the farmers I held a one-session institute there May 9th. It was a busy season, but sixty farmers were out, and we held a general farm round table discussion.

At the request of the Cambridge Commercial Club, held a conference with the farmers at that point Friday, May 10; sixty present.

A series of institutes were scheduled for last week in June in Long Valley. Mr. E. F. Rinehart, Mr. R. B. Cogan, and Prof. E. W. Hamilton accompanied me on this trip.

Our first institute was at Roseberry Tuesday, June 25th. A fine showing of cows, colts, and horses was made for Mr. Rine-

hart to judge. A two-session institute was held. Afternoon session, 200 in attendance; evening session, 350 in attendance.

As a result of this institute, farmers of the valley, under Mr. Coglan's direction, later in the season organized a Timothy Seed Growers' Association at Roseberry, and another one at Crawford.

The meeting advertised at Van Wyck was a failure. No institutes in the future should be scheduled here. The meeting at Thunder City was very poorly attended Saturday, June 29th; twenty-three only present. The one place for the south end of Long Valley for institute meetings is and should be Crawford.

The first week in August we held a series of Summer Institutes in Bonner county, as follows:

July 31. Priest River. Farmers showed little interest; one session, 25 present.

Aug. 1. Laclede. Small attendance. Two sessions, 25 present.

Aug. 3. Copeland. Held in the midst of a furious rainstorm at a Farmers' Union hall. Two sessions, 75 present. Lecturers, Prof. E. J. Iddings, Prof. J. A. Hughes, and myself. The season was backward and the farmers too busy with hay crop to attend. The Copeland meeting was the only successful and satisfactory meeting of the trip.

THE ARCO-SALMON TRIP

The last week in August we held a series of institutes in Blaine, Custer and Lemhi counties. The lecturers were Professor Iddings, State Fruit Inspector McPherson, State Superintendent Shepherd, and myself.

Saturday, August 24th, we held the first institute of the series at Arco. A precinct fair was held in conjunction with the institute, and our staff was busy for several hours placing the ribbons on the live stock, fruits, vegetables, and grain shown.

A deep interest was shown on the part of the district farmers in these meetings at Arco. Forenoon session, 110 present, and afternoon session, 210 present.

Tuesday, August 27th.—Challis institute. Forenoon session, sixty present; afternoon session, 115 present. Nearly every one in town came out to see and hear Professor Iddings on his horse demonstration, which was the great hit of the institute.

Friday, August 30th.—Salmon City institute. Forenoon session; 77 present; afternoon session, 110 present. The

last summer institute held was at Soldier, September 7th. Two sessions: forenoon, twenty-five present; afternoon, seventy-six present. Lecturers, R. B. Coglan and J. S. Welch.

INSTITUTE SUMMARY

During the year we have held an Institute or Movable School in every county in Idaho, save Shoshone, a mineral county.

NUMERICAL SUMMARY.

	Location.	Date.	Sessions.	Ave. Att.	Highest Att. at Any Ses.
1.	Clarks Fork	Jan. 12-13.....	4	80	150
2.	Bonniers Ferry	Jan. 15.....	3	75	200
3.	Sandpoint	Jan. 16-17.....	5	125	300
4.	Rathdrum	Jan. 18.....	3	90	150
5.	Deary	Jan. 20.....	3	75	125
6.	Grangeville	Jan. 22.....	1	50	50
7.	Nez Perce	Jan. 23.....	3	175	300
8.	Winchester	Jan. 24.....	3	75	120
9.	Genesee	Jan. 26.....	2	160	250
10.	Emmett	Jan. 29.....	3	175	250
11.	New Plymouth	Jan. 30.....	1	75	75
12.	Fayette	Jan. 31.....	1	150	150
13.	Parma	Feb. 1.....	2	150	150
14.	Bliss	Feb. 2.....	2	50	50
15.	Gooding	Feb. 3.....	1	50	50
16.	Wendell	Feb. 26.....	1	40	40
17.	Weiser	Feb. 26.....	2	30	50
18.	New Meadows	Feb. 27.....	2	70	70
19.	Council	Feb. 28.....	2	80	110
20.	Indian Valley	Feb. 29.....	3	100	125
21.	Cambridge	Mar. 1.....	2	100	125
22.	Fruitland	Mar. 1-2.....	4	250	500
23.	Richfield	Mar. 4-5.....	5	50	75
24.	Bruneau	Mar. 7.....	3	60	150
25.	Grand View	Mar. 8.....	2	100	125
26.	Mountainhome	Mar. 9.....	1	150	150
27.	Weston	Mar. 11.....	3	140	200
28.	Dayton	Mar. 12.....	1	20	20
29.	Preston	Mar. 13.....	2	125	200
30.	Oxford	Mar. 14.....	2	50	75
31.	Downey	Mar. 15.....	1	60	60
32.	McCammon	Mar. 16.....	1	50	50
33.	Hagerman	Mar. 18.....	2	50	75
34.	Ashton	Mar. 20.....	2	25	30
35.	St. Anthony	Mar. 21.....	2	35	50
36.	Rexburg	Mar. 22.....	1	100	100
37.	Paris	Mar. 23-25-26.....	9	353	500
38.	Malad	Mar. 28.....	3	150	200
39.	Midvale	May 9.....	1	60	60
40.	Cambridge	May 10.....	1	60	60
41.	Roseberry	June 25.....	2	275	350
42.	Thunder City	June 29.....	2	23	23
43.	Priest River	July 31.....	1	25	25
44.	Laclede	Aug. 1.....	2	25	25

45. Copeland	Aug. 3.....	2	75	75
46. Arco	Aug. 24.....	2	160	210
47. Challis	Aug. 27.....	2	86	115
48. Salmon	Aug. 30.....	2	93	110
49. Soldier	Sept. 7.....	2	50	75
Total.....		111	3675	6529

3675 divided by 50 equals 73.3, the general average attendance per session. 73.3 times 111, the number of sessions, equals 8136, the total attendance, as per method employed by the United States Farmers' Institute Specialist, which rule is now adopted by the American Association of Farmers' Institute Workers.

III. DEMONSTRATION TRAIN WORK

In December, 1911, in cooperation with Oregon Short Line and Professor L. A. Merrill, in charge of Extension Work for Utah, we ran a demonstration train from Salt Lake to Huntington with allied branch lines. A detailed report of this has previously been handed to you.

In January we ran a demonstration train through North Idaho in cooperation with the Northern Pacific Railroad, a report of which has also been handed in to you.

Road.	Idaho Towns Visited.	Number of Lectures.	Total Attendance.
O. S. L.....	51	160	7865
N. P. R. R.....	27	80	6087
Total.....	78	240	13952

The Demonstration Train work is largely inspirational, and the greatest good, in my judgment, is accomplished through "follow-up" Institutes, such as we were able to give with the Northern Pacific Demonstration Train, as per report on same.

I hereby recommend that the time usually taken with Demonstration Train work this coming year be given to Movable Schools work, preparing the way for more effective work on the Demonstration Train work the next succeeding year. When we run the next Demonstration Train it should be a live stock train from start to finish, showing types of live stock for the different sections and demonstrating in a Domestic Science car how the cheaper cuts of meat can be made palatable and desirable for general family use. We can make such a train interesting, instructive, and of very great value to the people

served. I have asked both the Northern Pacific and Oregon Short Line for such a train in the fall of 1913.

IV. SUB-STATION WORK

The matter of a Dry Land Substation had been under consideration for some time before I came to this department work. Mr. M. A. Carleton, in charge of Grain Investigations; Mr. F. D. Farrell, his assistant, yourself, and the writer carefully investigated the different locations offered for station work.

The one at Aberdeen seemed more central for the territory served, the soil over the eighty acres offered for station use was uniform and comparable with a large area of contiguous non-irrigated land, and the improvements promised by the Aberdeen Commercial Club were adequate to our needs, and so this site was determined upon. A lease upon the land for fifteen years was given to the University and an agreement entered into by yourself, representing the State Experiment Station as Director, and Mr. M. A. Carleton, representing the Office of Grain Investigations of United States Department of Agriculture, to establish at Aberdeen a cooperative station which shall have for its primary purpose the testing of non-irrigated crops adapted for the use of the dry farmer of South Idaho, and the working out of such cultivation and rotation practices as shall seem applicable to the work and needs of non-irrigated farms of our state with a rainfall of less than twenty inches per annum.

Mr. L. C. Aicher, of the Caldwell State Demonstration Farm was selected as Superintendent of the new station, and plans were agreed upon for a farm cottage, barn, seed house, and implement shed, which were built by the Commercial Club of Aberdeen under the personal supervision of Superintendent Aicher.

The Aberdeen branch of the Oregon Short Line Railroad to the Aberdeen Station cuts through this farm diagonally from northeast to southwest, leaving approximately twelve to fifteen acres on the west and fifty-two to fifty-four acres upon the east of the right-of-way. The west portion being under ditch, it has been determined wise to use in crop, cultivation, and

rotation work as a check upon the same work conducted upon the other block of land without irrigation.

Both blocks of land are being surrounded with a rabbit-proof woven-wire fence, the Oregon Short Line agreeing to place this type of fence on both sides of their right-of-way through the Station farm.

This season some work in grain and potatoes was carried on, while permanent plots were seeded to alfalfa, testing cultivation methods, different rates of seeding, different seed strains, and best methods to be practiced for successful alfalfa seed production. The entire farm was thoroughly plowed and worked up into proper seed bed conditions.

This fall the cultivation and rotation experiments jointly agreed upon are being started. Cooperative work both in seed flax and dry land seed potatoes has been taken up with many farmers on adjoining dry land farms by Mr. Aicher and myself this summer. Desirable results with both are being obtained. The work of this new Station is well under way.

THE CALDWELL STATE FARM

The State Farm at Caldwell I found to have a very spotted soil. It is underlaid with a so-called hardpan varying from three to five and six feet in thickness, and from three feet on the lower levels of the farm to twenty inches below the surface soil at the hillsides. The surface soil has an innumerable number of so-called "slick spots," which are seemingly devoid of all humus and hold an unusual amount of calcium, usually in some carbonate form. When wet, the soil in these slick spots runs together and cements, making crops quite difficult and experimental work in such soil practically an impossibility until the slick spots are overcome. For that reason we decided, first, to get the cultivated land in shape to seed down as soon as possible, and while in grass or alfalfa to neutralize and build up the soil within the spotted areas. This past season we tested seed types of wheat, oats, barley, corn and potatoes on certain areas and now have on the Dry Farm area some thirty-eight acres seeded to the best strain of Turkey Wheat which Mr. Aicher could get in the American Falls district.

It has been impressed upon me that the most important thing for us to do at this state farm is to demonstrate the cheapest and most effective method to neutralize the "slick spots." The Gooding Station has shown the efficacy of manure in this work and some feeding at this station will serve a double purpose: (1) show farmers of this section how they can profitably make use of a large portion of their farm roughage, and (2) give us the manure to build up this farm soil.

If this State Farm is retained it is better adapted for a feeding station of some kind than it is for a crop station. A forest nursery could, to very good advantage, be here maintained. It would cost but little and do a great and lasting service to the farmers of South Central Idaho.

As fast as possible we should get the present cultivated area in alfalfa or grass.

The Caldwell Commercial Club this past season furnished the water for eighty acres of crop land.

Mr. C. B. Hampson, who has been working on this farm for some time, has been acting as foreman since Mr. Aicher was called to Aberdeen.

CLAGSTONE STATION

This station, as you are aware, was primarily intended to aid farmers on the cut-over or logged-off lands of North Idaho in solving their problems of stumping the land, correcting soil acidity, and determining the crops most profitable for these lands.

We now have several areas cleared and in crop, aggregating thirty-four acres. Professor Jones of the Department of Chemistry is cooperating with us on the soil problems by using lime, manure, and other fertilizers and neutralizers upon various crops plats, and is conducting a milling wheat plot test in conjunction with similar work upon the Aberdeen and Gooding Stations.

We are testing various grasses and forage mixtures to determine what ones are most advantageous for farm conditions in this locality; also the winter grains and such other types of crops that would seem to have real value for this region. We seek to maintain all plats upon the acre or half-acre basis. We

now need to have comfortable farm cottage, seed house, adequate barn for farm needs, and some provision made for farm well for stock and domestic use.

This year's crops results have not yet been tabulated, but we find, as would be expected, that lime and manure invigorate crop growth on this soil and counteract the acidity found in most of the logged-off areas. The efficiency of aeration we are also testing.

As soon as proper facilities can be provided for it, we should place a superintendent here and let Mr. Heideman give his entire attention to the stumping of the land for seed bed preparation and the grass work for which he seems to be especially fitted.

We will increase the crop area as rapidly as funds for this work will permit.

GOODING STATION

The work of this Station is to assist farmers of this region in their cultivation, irrigation, and crop rotation problems. Being a cooperative Station, Mr. Don H. Bark of the Office of Irrigation Investigations of the United States Department of Agriculture, directs the irrigation experiments, and on the part of the University I plan the other work of the Station, and Superintendent J. S. Welch directs and executes the plans mutually agreed upon.

Mr. Bark this past year has maintained duty of water experiments upon wheat, oats, barley, potatoes, sugar beets, and alfalfa. On the part of the University, we have demonstrated the efficiency of manure in overcoming the so-called "slick spots," so common in lava ash soils of Snake River Valley, have continued the testing of varieties of potatoes, wheat, oats, and barley by procuring for the test only those that had a good performance record *somewhere*, have continued the test of Flint versus Dent corn for silage purposes, the seeding of alfalfa at different rates and by different methods of irrigation for young alfalfa on lava ash soils; begun a preliminary test of number of sheep and number of cows per acre which certain pasture grass mixtures will maintain in thrifty condition; while we have taken up the question of green manure on lava ash lands to increase amount of humus. This last month we plowed under

the third crop of alfalfa on acre plots in series "C"—seven acres. Here we will test the result of this work the following season. This year we had an increase plot of choice Turkey Red wheat (irrigated) which was distributed to farmers desiring same at seed prices. We are this fall seeding, in a similar manner, the Winter Barley, that has given the best performance record, on the Station test for seed distribution in small amounts next season.

The vetch tests show one pronounced type best for winter or fall vetch (*Vicia villosa*) and another one for spring seed (*Vicia dasycarpa*).

This year we inaugurated Farmers' Day at the Gooding Station. The Commercial Club of the town furnished a free barbecue dinner for the guests of the farm, the Idaho Southern and Oregon Short Line granted excursion rates, and a very satisfactory number of persons, upward of one thousand, availed themselves of the privilege to visit the Station Farm. The Governor on the part of the State, yourself on the part of the University, Mr. C. E. Roberts of the State Grange, and Mr. R. L. Stevenson of the Farmers' Union responded on the part of the farmers. Mr. R. B. Coglan, State Seed Commissioner, Superintendent L. C. Aicher of the Aberdeen Station, Mr. Stephen Ragan, and Professor Fishburn assisted Mr. John Krall and Superintendent Welch in directing the visitors on an inspection trip over the farm. The day was a helpful one to the farmers, and an important one to the Station. We believe this plan should be followed up and a Farmers' Day held at such a time in the crop season as shall be deemed most desirable and helpful.

We now plan to work out in a practical way a desirable rotating crop plan for the section.

SUMMARY OF SUB-STATIONS

Our sub-stations are then established and seeking to work out the following problems for their respective localities:

1. Aberdeen—The moisture conserving methods, cultivation, crop, and rotation methods for dry farming conditions in that section of the state.

2. Caldwell—The betterment of an undesirable soil condition, and rendering in uniform tilth a very spotted soil; the distribution of desirable seed adapted to that region.

3. Clagstone—The solution in a practical way of soil and crop problems for farmers in the logged-off land areas of North Idaho.

4. Gooding—Soil, irrigation, and rotation problems of the irrigation farmer within that region of the state.

We need an increased fund at each Station to adequately serve the purposes for which that Station was established.

V. GENERAL OFFICE AND CORRESPONDENCE WORK

This division of the work has become of growing importance as the year has advanced. Early in the calendar year 1912 it became apparent that to do our work effectively we must have a stenographer for full time instead of the plan of one stenographer for the two offices of Agricultural Extension and United States Irrigation Investigations, to be paid for jointly by both offices. Because of the nature of the work, being state-wide and of state importance, we applied to Mr. O. V. Allen, State Treasurer and Custodian of the State House, for office room within that building. He kindly set apart two committee rooms in the Senate Gallery, third floor of the State House, for our use. One had running water and a waste basin, which was given over to Mr. E. F. Rinehart for his testing work and general office use; the other office housed our supplies and fixtures and gave room for the present stage of the work.

A stenographer on full time was employed, and we were thus able to take care of the growing correspondence of the office. One familiar with the Agricultural work of the University was needed, and by Miss Frye coming from Morrill Hall, we now have one familiar with the work, and one who knows the needs and work of the office. She has taken charge of dating institutes under my direction and keeping me in direct touch with the work when in the field. We have been so busy with the correspondence routine that we have not been able to yet classify the work of the office and file correspondence, bulletins, etc., as they should and will be done as soon as present work permits.

I feel that the office work and correspondence is a very important division of the work, and we want to extend, through this means, the service of the University to as many individual farm

problems as possible, that we may in this way do the "greater good to the greater number."

Respectfully submitted,

W. H. OLIN,

Director of Agricultural Extension.

REPORT OF FIELD DAIRYMAN

MARCH 25 TO NOVEMBER 15, 1911

The work of this division has consisted mainly in attending institutes and special meetings, judging live stock at the county fairs, personal visits to men specially interested in dairying, co-operative herd testing, giving assistance in securing a better grade of dairy cattle and supervising barn and silo construction work.

Following is given a detailed account of the work:

MEETINGS

1. Paris, Idaho, March 26, Farmers' Institute.
2. Malad, Idaho, March 28-9, Farmers' Institute.
3. Nampa, Idaho, April 13, Dairy Meeting.
4. Meridian, Idaho, May 1, Dairy Meeting.
5. Nampa, Idaho, May 4, Dairy Meeting.
6. Roseberry, Idaho, June 25, Farmers' Institute.
7. Thunder City, Idaho, June 29, Farmers' Institute.
8. Boise, Idaho, July 3, Teachers' Normal.
9. Greenleaf, Idaho, August 22, Grange Picnic.
10. Mountainhome, Idaho, August 24, Dairy Meeting.
11. Reswell, Idaho, November 15, Field Day.

Approximate attendance at all meetings, 2325. A talk on some phase of dairying was made at each of these meetings.

At Malad, Roseberry, and Reswell a judging demonstration was given.

At Meridian an association known as the Victory Dairy Association was organized.

The Nampa meetings were held with the stockholders of the Nampa Cooperative Creamery Association. This company had been organized some time during the winter, and a number of mistakes had been made in the organization. As it was not believed that conditions were right for a cooperative company here, they were strongly advised to postpone further action for a few years, but they decided to go ahead. With them taking the

responsibility, aid was given in planning their building and purchasing the machinery. The building was erected and first-class machinery installed at a total cost of \$3500, this being half the cost of the cooperative creameries built in Idaho by the professional promoters.

The fairs attended were at Albion, Filer, Shoshone, McCammon, Boise and Oakley. At each of these, with the exception of Albion and McCammon, a judging demonstration was given. At Boise a dairy test was conducted for two days. The Holsteins won this contest, with the Red Polls standing second. Nine cows, representing three breeds, were entered. At Oakley daily demonstrations of the use of the Babcock tester were given. This created much interest and samples of milk were brought in from practically every cow in the community.

SILOS

Considerable time has been spent in silo construction work. Owing to the fact that the material for the forms is quite high and there was practically no silage machinery in the country, it was thought best to confine this work to one section for this season. Canyon county was selected, as there seemed to be the greatest interest shown here. Personal visits were made to all the men who had enough cows to warrant the use of a silo, and each was put in touch with other men interested in building. In this way all cooperated in the construction of the silo forms and in the purchase of machinery.

The corn crop was late and rather poor. A heavy frost, September 15th, caught the immature corn and made it imperative that all silos be filled at once. All the farmers having silos were at once communicated with by telephone and the work begun immediately, so that the crop was stored before it was damaged seriously. The corn made from six to fourteen tons to the acre, averaging about ten tons. At the present time it is impossible to give the exact cost of the silos, as the complete data is not yet available.

CONCRETE SILOS

L. S. Dille, Caldwell, 10x30; unskilled labor used; cost approximately \$165.

F. M. Burris, Caldwell, 10x29; work done entirely by skilled labor,

although silo work was new to them; cost approximately \$190.

B. Whealdon, Payette, 14x31; unskilled labor; cost approximately \$290.

H. R. Boomer, New Plymouth, 14x33; unskilled labor used; cost approximately \$300.

A. L. Hulbert, Nampa, 12x37; skilled labor, although silo work was new to them. Approximate cost, \$300.

F. R. Odle, Nampa, 12x30. Farm labor used. Cash outlay approximately \$160.

H. C. Watson, Notus, 16x34. Some skilled labor used. Cost approximately \$230.

A. P. Scritchfield, Payette, 16x34. Farm labor used. Cash outlay approximately \$170.

Adam Blind, New Plymouth, 14x28. Built of a combination of wood and concrete. Structure not approved, but assistance given in order to make it stand as long as possible. Skilled labor used. Approximate cost, \$200.

STAVE SILOS

A. Cornell, Caldwell, 12x28. A home-made silo following our specifications mostly, although not entirely. Approximate cost, \$140.

BARN CONSTRUCTION

Mr. B. Whealdon of Payette was given assistance in building a barn for twenty cows. As he had planned his barn and ordered the material before getting in touch with the University, our exact specifications could not be followed, yet changes were made in the original plan to make the barn sanitary and convenient.

Messrs. A. P. Scritchfield of Payette and Harry Walkins of Mountainhome have been given assistance in remodeling old barns into dairy barns.

Messrs. J. A. Marsh and John Pemberton of Caldwell; H. H. Peters of Murphy; T. H. Reilly of Twin Falls; W. T. Love and Harry Walkins of Mountainhome; H. B. Spencer of Idaho Falls, have asked for and been furnished with barn plans.

Mr. Pemberton, Mr. Marsh, and Mr. Love have decided to build, and assistance will be given in this work.

COOPERATIVE TESTERS

Name of Farmer.	Address.	No. of Cows.	Breed.
Arthur Budge	Paris	17	Holstein
Geo. Leighton	Boise	12	Holstein
A. L. Hulbert	Nampa	17	Holstein
L. S. Dille	Caldwell	7	Jersey
W. E. Boulton	Caldwell	12	Jersey
J. S. Stinson	Nampa	10	Jersey
C. W. Dilatush	Hagerman	10	Jersey
H. C. Watson	Notus	25	Jersey
C. B. Holt	Caldwell	12	Guernsey
F. R. Odle	Nampa	7	Durham

Owing to other work, such as instruction at the University, Institute, Fair, and Silo work, the record work has been somewhat neglected.

In addition to the above blanks were furnished to L. F. Sheriff of Malad; W. W. Richards of Paris; C. R. Clark of Georgetown; F. M. Roseman of Caldwell; L. L. Young of Princeton; Robert Gray of Post Falls; Curtis Miller of Nez Perce, and A. A. Slauffacher of Buhl.

A great interest is being shown in dairying throughout sections of Southern Idaho, principally in the counties of Canyon and Twin Falls. At Mountainhome, Nampa, Caldwell, and Meridian meetings have been held to consider the advisability of securing dairy cattle. Over 1100 head of dairy cattle, grades and pure breeds, have been shipped into Canyon county since May 1st.

From advance notices and requests an unusually large amount of silo and barn construction work will be done next year.

GENERAL SUMMARY

Number of towns visited.....	29
Number of counties.....	10
Number of people consulted especially interested in dairying.....	69
Number of buildings constructed:	
Stave silos.....	1
Concrete silos	9
Barns	1
Barns remodelled.....	2
Number of herds under test.....	10
Number of cows.....	129
Number of Institute Sessions.....	11
Number of people addressed.....	2325
Number of fairs attended.....	6

Respectfully submitted,

E. F. RINEHART,
Field Dairyman,
University of Idaho.

REPORT OF THE COLLEGE OF ENGINEERING

To the Honorable Board of Regents,
University of Idaho.

Gentlemen:

During the past biennium the Engineering College has made progress in organization, in equipment, in improving the work of its regular courses, and in giving specialized, practical instruction to those directly needing it, by short courses for road overseers, prospectors, and machinist apprentices.

In common with practically all engineering colleges throughout

the country there has been a reduction in enrollment of engineering students, due to the prevailing decrease in engineering activity. Experience has shown that such a decrease is a normal response to the law of supply and demand, and disappears with the return of prosperous times.

The great need of the College is for a new Engineering Building. For several years the necessity for a better provision for Electrical and Mechanical Engineering has been increasingly urgent. In the cramped quarters of these two departments the machinery is so crowded on the floors that it is difficult to move about without stumbling over some piece of apparatus. The old School of Mines Building, in which these departments are housed, was not designed for its present use, and the vibration caused by the machines interferes seriously with the careful measurements required in some parts of the work.

The areas now provided for the two departments for all purposes amount to 3600 square feet of floor surface. In the new building there should be a provision of 5000 square feet for the laboratories, recitation room, and various smaller rooms of the Department of Electrical Engineering. The Department of Mechanical Engineering should have 4070 square feet of floor area for steam laboratory, fuel testing laboratory, and machine shop; 3925 square feet for wood-working shop, general carpenter shop, wood storage, and demonstration room; 3200 square feet for forge shop and foundry; and 960 square feet for office, and recitation rooms. For the hydraulics laboratory and the material-testing laboratories of the Department of Civil Engineering 3000 square feet should be allowed. The requirements sum up to 20,155 square feet of floor area.

The removal of the two Departments of Electrical and Mechanical Engineering from their present quarters will give place to the necessary expansion of the Chemistry Department, which is now crowded almost to the limit of possible endurance.

In constructing the first permanent building for the Engineering College a long look ahead should be taken. It should be located where there is abundant room for future requirements for storage, yards and additional buildings as they shall be required. This location should be adjacent to the site of the permanent central heating plant. For this last a spur railroad track to

deliver coal directly from cars into the bunkers is a necessity for economical heating of the whole University. Such a railroad will be a great advantage to the Engineering College in handling heavy materials.

The building should lend itself to future change and growth. For this reason it seems wise to build it as a unit of a future group of buildings, with permanent walls and roof, but adaptable to changed requirements by inexpensive modifications of internal arrangements.

For such a building the sum of seventy-five thousand dollars would be required. If the needs of the University make it impossible to obtain this sum, at least an appropriation of five thousand dollars should be asked for to secure the necessary land.

Respectfully submitted,
C. N. LITTLE,

Dean of the College of Engineering.

Moscow, December 3, 1912.

REPORT OF THE COLLEGE OF LAW

To the Honorable Board of Regents
of the University of Idaho:

I beg to submit for your consideration the biennial report of the progress, condition and needs of the College of Law of the University of Idaho, with my recommendations thereon.

An account of the expenditures of this department since the last biennial report will be included in the detailed report of the Bursar of the University, to which I respectfully refer you for an itemized statement of the same.

We are now in the fourth year of the history of this College. The records of the school show a steady and reasonable growth during the entire period. This in my opinion justifies the expectation of its continuance. There seems to be no ground to question the statement that the College of Law contains its full proportion of the students of the University, as compared with other schools in like situation.

As I had the honor of being a member of your Board at the time of the installation of the College of Law, and was detailed

for service on the committee which prepared its course of study and outlined the work required for graduation in Law, I am speaking with full knowledge of the facts when I say that it was the intention of your Board to provide for thorough and complete instruction, and to make the curriculum as strong as that offered in the leading Colleges of Law. This course has been strictly adhered to. The work is not merely placed before the students, but they are required to do it satisfactorily, as an indispensable condition precedent to our recommendation for graduation.

The result has not been disappointing. In June our first senior class of nine men graduated and received their diplomas. All nine have been admitted to the bar of the Supreme Court of this state, and on the occasion of the admission of this class, in open court at Lewiston, the Chief Justice complimented them upon their thorough and satisfactory preparation, saying further that, on the whole, they had borne a better examination than graduates of eastern colleges who had applied to that Court for admission. Already members of this first class are prominent in public and professional life in the state. One is a member of the Legislature from Latah county; one is the Prosecuting Attorney of Washington county, and others are engaged in practice with flattering prospects of success.

I do not hesitate to say that facts fully justify the statement that the College of Law is no longer an experiment, but is a successful department of this institution and may appeal with confidence to the Legislature for generous provisions for its growth and maintenance.

It is to be presumed that the Legislature fully considered all questions of expediency when it authorized, by an appropriation in 1909, the establishment of the College of Law; and the experiment having proven successful, it is not to be supposed that a change in the policy of the state in this behalf is now to be anticipated.

It is also worthy of mention that the College of Law has succeeded in recommending itself to the bar of the state as a professional school worthy of their confidence and patronage, as is shown both by encouraging words, which have come to us directly from prominent members of the bar, and further by the good representation of their sons in our classes.

Heretofore, the work of regular instructors has been supplemented to some extent by the employment of members of the Moscow bar. The Practice course, given by Hon. Frank L. Moore, is worthy of special mention and commendation. The course in Conveyancing, by Mr. H. R. Smith, has been very beneficial. We have also enjoyed the advantage of lectures by the Hon. James F. Ailshie, of our Supreme Court, and by the Hon. Frank S. Dietrich, United States District Judge in Idaho.

It is not with any idea of criticising or disparaging the work under this arrangement, that I say that it is the tendency and nearly universal history of law schools to develop an organization where the instruction is all or practically all given by regularly employed instructors, who are members of the faculty of the institution. The reasons for this are not far to seek, but space will not permit me to go into them at length beyond a suggestion that the time of a lawyer, actively engaged in practice, will not permit regular and satisfactory work of preparation and instruction in a law school. We have now reached the time when we need another regular instructor, and I recommend provision for his employment.

LAW LIBRARY

The library of an institution of learning always demands the expenditure of considerable money for its installation and a continuous outlay for maintenance and development.

The College of Law has a small library. The fact that we have been able to accomplish so much with our limited number of books is due to their exceedingly careful selection for which we are indebted to Hon. John F. MacLane, under whose wise leadership the College was installed. The question now is, whether the state will require us to enlarge our library by small purchases from time to time, or whether by the investment of the necessary capital the library may be placed at once upon a basis where it will compare favorably with the law libraries of other similar institutions in the country.

The latter would be the best policy, both for the efficiency of the School, and ultimately for the finances of the institution, and would accomplish the highly desirable result of giving us the working equipment of a first-class College of Law.

Having been connected with the public affairs of the state at large and of this and other of its public institutions for a number of years, I am very familiar with the financial difficulties which have impeded the growth and development of the state; and while I recommend the course above indicated, I do so with full knowledge that the recommendation must be subjected to the scrutiny of those who will have the task of providing for the growth and consequent necessities of all the institutions of the state and all departments of the state government.

The sum needed for the salaries of instructors for the next two years should cover the salary of the one additional instructor already recommended.

Respectfully submitted,
O. E. McCUTCHEON,
Dean of the College of Law.

HOME ECONOMICS BUILDING

To the Board of Regents,
University of Idaho.
Gentlemen:

I wish to submit the following report for the year 1912-1913, and recommendations for the year 1913-1914.

Since the organization of the Department of Domestic Science, later the School of Home Economics, it has been more or less migratory, being moved from one building to another as other departments have needed additional rooms. At present the work is so scattered that it is impossible to give it the close supervision which the new organization should have.

The enrollment for the present year is 150. This includes candidates for the degree of B. S. (H. Ec.), candidates for the degree of B. S. and the degree of B. A., also special students and the Home Science Course of the School of Agriculture. There has been a substantial increase in the enrollment of the freshman class in Home Economics. There are four instructors, Miss Sweet and Miss Schermerhorn giving full time, Miss Shearer half time, and Miss Hoover dividing her time between her departmental duties and extension work.

EXPENSES, 1912-13

Salaries.	
Jessie M. Hoover.....	\$ 2,000.00
Margaret Sweet.....	1,500.00
Grace Schermerhorn.....	1,400.00
Virginia Shearer.....	600.00
Janitor	80.00
Maintenance	1,000.00
Total	<u>\$ 6,580.00</u>

For the year 1913-1914 I wish to recommend that \$7000.00 be set aside for this department. This will allow for a normal increase in salaries and also includes one scholarship of \$125.00. For reasons set forth below an appropriation for a Home Economics Building, a model dwelling house, and equipment for both is requested as follows:

Home Economics Building.....	\$ 95,000.00
Model Dwelling House.....	5,000.00
Equipment	25,000.00
Total	<u>\$125,000.00</u>

The Home Economics Building is to include cooking laboratories, laboratories for the study of foods, small dining rooms and kitchens for practical work for family groups, a reception room for social development, store rooms, locker rooms, laundry research laboratory, sewing rooms, class rooms, large lecture room for public demonstrations and class demonstrations, banquet hall with kitchen, home nursing room with bath, lavatories, offices etc. It is the purpose of the model dwelling house to give instruction in the management of the household as a family unit, the laboratories give the individual unit, while the banquet hall furnishes an opportunity for catering and work with large numbers of people. This building should be fireproof. The expense for plumbing, wiring and equipping is rather above the normal because of the large amount of individual equipment.

REASONS FOR MAKING PROVISION FOR THE SCHOOL OF HOME ECONOMICS

The Domestic Science laboratory occupies the recreation hall of the girls' dormitory, and connected with this laboratory is a small kitchen 12 by 12 feet, in which the range, sink, etc., are placed. This kitchen has but one window, which opens on a small court, thus making good ventilation impossible. The

room is so dark that it is necessary to use artificial light. There are no lavatories provided for this portion of the school. The laboratory is equipped for twenty, but it is almost impossible to have this number in the class in cooking because we have only one oven of family size. Not only is this room a cooking laboratory, but it is the sole recitation room. In some classes fifty students recite at one time. The only instruction which can be given in serving is arranged for in this room by the use of portable screens. Here also we have the offices for two instructors. That such facilities are entirely inadequate for efficient work can not be questioned.

At the beginning of this year the Domestic Art classes were moved from Morrill Hall to the physics laboratories and the Department of Romance Languages in the Administration Building, but the physics laboratories were needed for additional classes by the Physics Department. The Domestic Art classes migrated again. These classes now meet in two lecture rooms equipped for teaching languages, and also in an unfinished room in the new wing of the Administration Building. This last room is highly satisfactory. For the classes held in the other two rooms the sewing is carried back and forth each recitation.

So great has been the need for this education for women to do women's work, as opposed to man's work, that it is not only becoming an important phase of education in the United States, but it is even more advanced across the water. Of the European countries offering instruction in Home Economics are Great Britain, Ireland, Germany, Belgium, Finland, Denmark, Norway, Russia, Sweden, Holland, Austria, France, Italy, Hungary, Switzerland, Spain, Portugal, Greece, and Roumania.

A German motto says that "Whatever you would have appear in the nation you must teach in the schools." The nation simply represents an aggregation of homes; its welfare is merely the reflected welfare of the individual homes. "We discard the notion that education is a necessity for man but an ornament for woman. If ignorance is a disaster in places of business where the income is won, it is equally so in the places of living where the income is expended. If science can aid agriculture and mechanic arts to use more successfully Nature's forces, and to increase the amount of value of their products, it can equally aid

the housekeeper in the finer and more complicated use of these forces and agencies in the home, where the raw products are to be transformed into the sweet and wholesome food by a chemistry finer than that of the soils, and the products of a hundred manufacturies are to be put to their final uses for the health and happiness of life."

Practically all the state universities and colleges of the west have these departments, and most of them have regularly equipped buildings for instruction. Shall we neglect our opportunities and force the daughters of our state to seek an education elsewhere? Efficiency is the watchword of all our present-day education, and for the vast majority of women efficiency in the work of life means power to successfully manage her home. The course of study not only includes the study of food, shelter and clothing in its practical, chemical, biological, economical, and aesthetic aspects, but it also includes a study of the so-called cultural subjects, as languages, history, music, and art. The course is of four years' length. Going on the principle that a little learning is a dangerous thing, every effort is made to avoid superficial work. Since the principal part of the money expended is for the home, it is the thought of the Department that the conservation of the nation's wealth is largely dependent upon the conservation of the family wealth. Attached hereto will be found a suggestive plan for the proposed Home Economics Building.

Respectfully submitted,
JESSIE M. HOOVER.

THE COEUR D'ALENE LAND

In connection with the opening of the Coeur d'Alene Indian Reservation an Act was passed by Congress allowing the Regents of the University to select 640 acres of land for use in connection with the work of the institution, which land was to be sold to the state for its use, and was to be appraised by the Secretary of the Interior for the purpose of making this sale, at not less than \$2.50 per acre. The sum of \$3000.00 was included in the defeated bonding measure for the purchase of this land. In due course the Regents visited the Reservation and selected the following lands to fill said grant, part being water frontage on the lake, and the balance timber and farm land lying northeast of Plummer.

Description of Land—Lots 3, 4, and 5, and NE $\frac{1}{4}$ SW $\frac{1}{4}$, Section 25, Township 48, Range No. 5, W.; N $\frac{1}{2}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$, W $\frac{1}{2}$ SE $\frac{1}{4}$, Section 15, Township 47, Range 4 West—606.4 acres.

This land was held for the University and its purchase is still pending. No word being received from the Government regarding the appraisement for some time, the Regents opened correspondence with the Secretary of the Interior, both direct and through one of the state's representatives in Congress. The amount of the state's appropriation was stated and the object of the grant. The reply came though the local land office at Coeur d'Alene to the effect that three appraisements of the land and timber selected had been made at the instance of the Secretary of the Interior. The first appraisement, made by the people who appraise the entire Reservation, amounted to \$2,209.20. For some reason this did not seem enough to satisfy the department, and another appraisement was ordered. The value placed on the land by this second appraisement was \$8,933.70. This discrepancy between these two valuations was so great that a third appraisement was undertaken, which resulted in the value of the land and timber being placed at \$10,235.55. This latter valuation seems to be the one selected by the Secretary of the Interior as his arbitrary valuation to the state for this land, and thus the matter stands. The Regents recommend an appropriation in the amount of the last appraisement.

FINANCIAL STATEMENT

OF THE

UNIVERSITY OF IDAHO

FOR THE

BIENNIAL PERIOD ENDING DECEMBER 1, 1912

*Schedule A-1***CONSOLIDATED STATEMENT**

Cash balance December 1, 1910, <i>Schedule B-1</i>	\$ 85,539.52
Total income for 2 years, <i>Schedule B-2</i>	499,648.47
Total	<u>\$585,187.99</u>
Total expenditures for 2 years, <i>Schedule C-1</i>	475,469.17
Balance December 1, 1912, <i>Schedule B-3</i>	<u>\$109,718.82</u>

*Schedule B-1***Balances December 1, 1910**

FEDERAL APPROPRIATIONS.

Description.	Amount.	Total.
Morrill	\$32,788.69	
Hatch	8,426.33	
Adams	10,199.13	51,414.15

FEDERAL ENDOWMENT FUNDS.

School of Science Fund.....	\$ 2,975.97	
University Fund	5,828.99	
Agricultural College Fund.....	1.19	8,806.15

APPROPRIATIONS FOR SPECIFIC USES.

Regents' Expense.....	\$ 301.25	
Furniture and Fixtures for Library.....	47.00	
Furniture for Administration Building.....	921.72	
Maintenance of Law School.....	407.31	
Laboratory Equipment	151.09	
Purchase and installation of Mining Machinery....	180.77	
Farmers' Institutes and Agricultural Extension....	.03	
Auxiliary Agricultural Stations.....	2.74	
Purchase of Books for Library.....	3,269.29	
U. of I. Re-Building and Equipment Fund, 1907....	473.68	
U. of I. Improvement Fund, 1909.....	16,224.39	21,979.26

OTHER FUNDS.

U. of I. Insurance.....	\$ 1,070.86	
Local Fund.....	980.54	
Law School.....	313.08	
State Tax.....	435.60	
State Endowment.....	94.26	
College Live Stock.....	384.52	
College Farm.....	61.10	3,339.96

\$ 85,539.52

*Schedule B-2***Income, December 1, 1910—December 1912**

FEDERAL APPROPRIATIONS.

Description.	Amount.	Total.
Morrill	\$100,000.00	
Hatch	22,500.00	
Adams	22,500.00	145,000.00

FEDERAL ENDOWMENT FUNDS.

School of Science Fund.....	31,483.66	
University Fund	42,888.70	
Agricultural College Fund.....	44,955.41	119,327.77

STATE APPROPRIATIONS.

Maintenance	\$ 80,000.00	
Deficiency	3,373.09	
Agricultural Extension.....	24,000.00	
Purchase and Condemnation of Lands.....	13,000.00	
Stock Barns and Stables.....	9,500.00	
Purchase of Live Stock.....	4,500.00	
Pure Seed.....	2,000.00	
U. of I. Improvement Fund, 1911.....	75,000.00	
Pure Seed License Fees.....	1,223.00	212,596.09

OTHER RECEIPTS.

Refund on Insurance Premiums.....	\$ 122.40	
Local Station, Sale of Products.....	2,549.44	
Local Fund, Interest on Local Deposits.....	3,552.39	
Law School Fund, Tuitions.....	1,575.00	
College Live Stock.....	10,458.81	
College Farm.....	888.84	
State Endowment.....	1,184.08	
Summer School.....	1,000.00	
Dairy Production.....	175.02	
Library Fund.....	863.24	
Music Fund.....	355.39	22,724.61
		<u>\$499,648.47</u>

NOTE.—To determine the amount of income for strictly instructional purposes during the two-year period covered by this report deduct the following amounts from the grand total:

Hatch and Adams, about.....	\$ 60,000.00
Agricultural Extension, about.....	24,000.00
Building Funds.....	59,772.90
Purchase of Lands.....	13,673.80
Pure Seed Fund.....	3,223.00
Purchase of Live Stock.....	4,500.00
Other receipts, including Local Station, College Live Stock, College Farm, State Endowment, and Dairy Production....	15,256.19
	<u>\$180,425.89</u>

Balances December 1, 1912

FEDERAL APPROPRIATIONS.

*Morrill	\$ 32,733.80	
Hatch, overdraft.....		
Adams	1,648.50	34,382.30

**FEDERAL ENDOWMENT FUNDS.

School of Science.....	\$ 13,266.73	
University	8,101.65	
Agricultural College.....	5,155.54	26,523.92

STATE APPROPRIATIONS.

Maintenance	38.51	
Agricultural Extension	5.17	
Pure Seed.....	7.41	
U. of I. Improvement Fund, 1911.....	34,681.22	
U. of I. Improvement Fund, 1909.....	9,625.08	
U. of I. Re-Building, 1907.....	430.96	
Unused portion of purchase and installation of Mining Machinery.....	.02	
Farmers' Institute and Agricultural Extension .03	.05	44,788.40

OTHER FUNDS.

Local Station.....	\$ 322.69	
Local Fund.....	31.31	
Law School Fund.....	435.99	
College Farm.....	15.55	
College Live Stock.....	1,158.74	
State Endowment.....	604.54	
Pure Seed License Fees.....	725.20	
Summer School.....	8.54	
Dairy Production.....	141.82	
Library Fund.....	714.49	
Music Fund.....	48.89	4,207.76

	\$109,902.38	
Less Overdraft, Hatch Fund.....	183.56	

Total	\$109,718.82	
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* This covers balance of Government fiscal year ending June 30, 1913.

** For claims and bills contracted during the last quarter of current calendar year, but not audited at time of this report.

Schedule C-1

Classified Expenditures

EXPENSE.

Salaries	\$226,665.29	
Employees and Extra Labor.....	36,683.61	
Stationery and Office Supplies.....	1,772.57	
Printing, Bulletins, and Catalogs.....	6,686.75	
Freight, Express, and Cartage.....	6,237.39	
Chemical and Laboratory Supplies.....	3,703.37	
Traveling Expenses.....	13,075.23	
Sundry and General Supplies.....	12,260.10	
Feeding Stuffs, Live Stock.....	4,834.66	
Heat, Coal, and Gasoline.....	15,398.12	
*Incidentals	1,007.26	
*Demonstration Trains and Movable Schools, Ag- ricultural Extension.....	1,949.60	
General Repairs on Buildings.....	2,469.35	
Telephone and Telegraph.....	1,347.23	
Insurance	2,866.50	
Light and Power.....	2,897.80	
Postage	1,516.40	
Water	1,220.25	
Rentals	535.00	
Regents' Expense.....	1,184.80	
Exhibits at Fairs.....	350.88	
Commencement and Special Lectures.....	658.39	
Total		\$345,320.55

EQUIPMENT.

Tools, Implements, and Machinery.....\$	10,338.28	
Scientific Apparatus.....	9,393.75	
Furniture and Fixtures.....	5,914.22	
Library, Books.....	8,277.69	
Live Stock.....	10,933.86	
Other Equipment.....	6,896.49	
Collections	153.15	51,907.44
New Buildings.....\$	59,772.90	
Improvements on General Plant.....	4,315.32	
Purchase of Land.....	13,673.80	77,762.02
		\$474,990.01
Overdraft December 1, 1910, Local Station Fund		479.16
Total		\$475,469.17

* *Schedule C-3*, Incidentals are consolidated with Sundry Supplies, and Demonstration Trains and Movable Schools with Traveling Expenses.

NOTE.—To determine the expenditures for instructional purposes, see note at foot of *Schedule B-2*.

*Schedule C-2***Expenditures**

(a) Departmental.

Department.	Expense Items.	Equipment Items.	Total Cost Of.
Aberdeen Auxiliary Station.....	\$ 1,081.83	\$ 1,590.53	\$ 2,672.36
Agricultural Chemistry.....	12,662.08	1,585.49	14,247.57
Agricultural Engineering.....	2,514.16	4,494.21	3,008.37
Agricultural Extension, Education....	11,859.04		
Agromony	8,397.35	585.14	8,982.49
Animal Husbandry.....	15,419.74	10,703.33	26,123.07
Bacteriology	8,418.35	2,265.35	10,683.70
Biology	4,180.35	941.79	5,122.14
Botany	4,487.69	815.04	5,302.73
Bursar's Office.....	8,266.62	238.95	8,505.57
Caldwell Aux. Station.....	5,736.08	2,285.56	8,021.64
Civil Engineering.....	7,034.33	1,300.68	8,335.01
Chemistry	9,469.46	1,002.26	10,471.72
College Farm.....	9,065.74	1,307.82	10,373.56
Clagstone Aux. Station.....	4,432.68	290.85	4,723.53
Dairy	8,600.31	1,566.55	10,166.86
Dean's Office.....	5,612.70	49.30	5,662.00
Director's Office.....	12,326.01	547.44	12,873.45
Dean of Women and Ridenbaugh Hall	3,385.12	692.30	4,077.42
Economics	4,000.00		4,000.00
Electrical Engineering.....	3,957.67	2,144.20	6,101.87
English	9,656.06		9,656.06
Education	3,631.90		3,631.90
Forestry	7,499.35	928.37	8,427.72
Geology	3,463.64	781.73	4,245.37
German	1,705.00		1,705.00
Greek and Latin.....	4,320.00		4,320.00
Gooding Aux. Station.....	4,266.99	872.39	5,139.38
History	4,040.00		4,040.00
Horticulture	12,589.43	811.57	13,401.00
Home Economics.....	7,465.88	54.00	7,519.88
Law	11,702.11	1,278.09	12,980.20
Library	4,106.67	7,295.54	11,402.21
Mathematics	5,970.00		5,970.00
Mechanical Engineering.....	6,335.00	2,018.55	8,353.55
Mining and Metallurgy.....	11,522.90	2,339.86	13,862.76
Military	2,439.95	221.88	2,661.83
Music	5,972.90	1,262.83	7,235.73
President's Office.....	6,466.35	29.35	6,495.70
Publicity	249.80		249.80
Physics	5,303.61	2,258.28	7,561.89
Physical Education.....	7,844.36	1,544.28	9,388.64
Practical Agriculture.....	1,625.90	75.00	1,700.90
Romance Languages.....	3,280.00		3,280.00
Secondary Schools.....	1,663.62		1,663.62
Summer School.....	2,168.06		2,168.06
Short Course Agriculture.....	138.75		138.75
Veterinary	1,675.02	83.56	1,758.58
Total	\$288,010.56	\$ 52,262.07	\$340,272.63

Schedule C-2—Continued

OPERATION OF PLANT.

(b) General.

<i>Total brought forward</i>	\$288,010.56	\$ 52,262.07	\$340,272.63
Salaries of Janitors, Fireman, Garden- er and Caretakers.....	\$ 10,692.55		
Coal	14,612.79		
General Repairs.....	2,469.35		
General Expense (see detail in <i>Schedule C-3</i>).....	29,535.30		57,309.99
New Buildings (<i>Schedule C-5</i>).....		\$ 57,901.38	
Improvements on General Plant.....		4,315.32	
Furniture and General Equipment....		1,516.89	
Purchase of Land (<i>Schedule C-5</i>)....		13,673.80	77,407.39
Total	\$345,320.55	\$129,669.46	\$474,990.01

NOTE.—To determine the expenditures for instructional purposes see note at foot of *Schedule B-2*.

(a) Departmental.

EXPENSES

Schedule C-3

Department	Salaries Educ'n	Salaries Adminis- trative	Supts. and Fore- men	Emp'ees and Ext Labor	Station- ery and Office Supplies	Bulletins and Publications	Freight and Express	Chemical and Lab'y Supplies	* Traveling Expenses	** Sundry Supplies	Feed	Heat	TOTALS
Aberdeen Aux. Station	\$ 9633.90			\$ 456.25	\$ 1.00	\$ 533.30	\$ 431.75	\$ 707.90	\$ 207.33	295.75	\$ 121.50	\$	1081.83
Agricultural Chemistry	2212.47			138.30	21.17		159.34			433.13		205.23	12662.08
Agricultural Engineering	4636.00			46.53	2.70		36.84		46.70	46.42			2514.16
Agricultural Extension (Agr. Educ.)	4636.00			1000.15	77.95	265.00	36.84		5519.65	269.45			11859.04
Agromony	575.51			1778.38	6.80		111.41	235.31	184.90	408.94		96.10	8897.35
Animal Husbandry	4946.85		833.63	3225.83	18.15	342.25	1536.00		784.68	617.73	3057.62		15419.74
Bacteriology	6734.70			16.66	27.40		168.26	412.37	151.30	283.30		64.36	8418.35
Biology	4030.00			315.40			60.46		3.25	70.14			4180.35
Botany	2549.64			319.40	138.68		106.93	175.14	862.50	37.40			4487.69
Bursar's Office		6211.04		997.88	446.12		34.57		43.05	593.96			8296.62
Caldwel Aux. Station	6500.65			2287.96	2.20		20.67		82.20	964.30	241.28		5736.06
Civil Engineering	7260.00			222.98		7.50	53.45		82.20	165.40			7034.33
Chemistry				257.21			33.19	1295.50		68.53			9469.46
Cities Park				4322.32	25.00		151.02			1233.63			9065.74
College Aux. Station	6759.85		1872.50	2269.96			38.00		14.00	490.12			4432.68
College of Agriculture	4558.58		1650.00	248.56	60.15	95.25	266.82	498.54	39.00	277.03			5000.31
Dean's Office				966.28	71.35		8.96		5.00	2.50		2.71	12032.70
Director's Office	1988.42	6111.76		2614.45	507.16		217.47		886.75	6.45			3231.92
Education	3620.00				4.00				127.95	636.46			3985.12
Dean of Women and Riden. Hall.		2590.00		19.05	3.25		8.41		11.05	25.21			4000.00
Economics	4000.00			156.36	7.26		127.79						3957.67
Electrical Engineering	3630.00												9656.06
English	9656.06			799.47	19.40	92.80	111.40	68.66	372.50	220.12			7499.35
Forestry	326.00			8.85			82.49		62.60	49.70			3463.64
Geology	1705.00												1705.00
German	420.00												4320.00
Greek and Latin													4266.99
Gooding Aux. Station			1883.32	1124.50	23.35		125.07		220.56	880.19			4040.00
History	4040.00												12589.43
Horticulture	7627.09			2915.77	50.48	37.25	229.31	7.00	687.75	1032.07		2.71	7465.88
Home Economics	6887.45			22.50	1.15	4.95	1.55		50.00	498.28			11702.11
Law	11455.00			14.20	96.50	42.00	3.75		69.40	21.26			4106.67
Library	3583.32			6.65	20.31		374.89		33.40	82.10			5970.00
Mathematics	5970.00			138.70			252.54			375.26			6335.00
Mechanical Engineering	5568.50			241.10	15.00	20.00		302.95	217.30	502.16		16.95	11522.90
Mining and Metallurgy	9930.00			57.75	19.75		71.72			214.73			2439.95
Military	2075.00			16.60	11.25	89.25	46.85		24.20	90.75			5972.90
Music	5694.00			1083.60	73.25		3.00		250.00	4.00			6466.35
President's Office		5042.50		215.00	3.50		1.05			30.25			249.80
Publicity				85.55			51.71			1.35			5303.61
Physics	5165.00			130.75	10.00		78.91			4.70			7844.36
Physical Education	7620.00												3280.00
Romance Languages	3280.00								1512.82	36.25			1653.62
Secondary Schools	90.00			56.02	8.25	16.00	21.25			48.30			2168.06
Summer School	1944.55				2.04	95.90							138.75
Short Course Agr.	138.75									62.90			1625.90
Practical Agriculture	1300.20			13.70		249.10			10.10	176.77			1675.02
Veterinary	1466.60												
	187672.99	19955.30	8344.45	28801.60	1772.57	1890.55	5742.85	3707.37	13317.04	11189.85	4834.66	785.33	288010.56

* Traveling Expenses includes Demonstration Trains and Movable Schools.

** Sundry Supplies includes Incidentals.

(b) Buildings and Grounds.

Schedule C-3—Continued

MAINTENANCE:	Salaries.....	10692.55
	Extra Labor.....	723.75
	Freight and Express.....	113.09
	Supplies.....	958.09
	TOTAL -	
REPAIRS AND UPKEEP:	Repairs.....	2469.35
	TOTAL -	
		12487.48
		2469.35

(c) General Expense Account.

Extra Labor..... Freight and Express..... Supplies..... Telephone and Telegraph..... Printing..... Insurance..... Coal..... Light and Power..... Postage..... Water..... Traveling..... Rentals..... Fair Exhibits..... Regents..... Com'ct and Spec'l Lectures..... Quarantine.....	7158.26
	381.45
	1033.82
	1347.23
	4796.20
	2866.50
	14612.79
	2897.80
	1516.40
	1220.25
	1707.79
	535.00
	350.88
	1184.80
	658.39
	85.90
TOTAL -	
	49143.70
	345320.55

(a) Departmental

EQUIPMENT

Schedule C-4

Department	Tools, Im- plantments and Machinery	Scientific Apparatus	Furniture and Fixtures	Library	Live Stock	Other Equipment	Collec- tions	Buildings	TOTALS
Aberdeen Aux. Station.....	\$ 691.62		\$ 20.80		\$ 600.00	\$ 278.11			\$ 1,590.53
Agricultural Chemistry.....	52.20	808.75	528.65	64.12		131.77			1,585.49
Agricultural Engineering.....	73.75	282.60	67.42			70.44			494.21
Agromony	21.85	304.80	216.34			42.15			585.14
Animal Husbandry.....	193.28	18.25	86.50	29.82	9,938.25	437.23			10,703.33
Bacteriology	19.00	1,379.17	587.00	33.33		246.85			2,265.35
Biology		656.83	57.00			218.04	9.92		941.79
Botany	4.45	379.85	389.50			41.24			815.04
Bursar's Office.....			238.60			.35			238.95
Caldwell Aux. Station.....	477.90					67.68		1,739.98	2,285.56
Civil Engineering.....	69.15	1,080.64	43.88	18.00		89.01			1,300.68
Chemistry	70.10	635.95	75.45			220.76			1,002.26
College Farm.....	855.22				195.61	256.99			1,307.82
Clagstone Aux. Station.....	83.85				200.00	7.00			290.85
Dairy	628.89	343.26	90.15	1.50		502.75			1,566.55
Dean's Office.....			49.30						49.30
Director's Office.....	27.25		427.63	69.16		23.40			547.44
Dean of Women & Riden. Hall			353.50			338.80			692.30
Electrical Engineering.....	998.04	842.25	51.25	4.50		248.16			2,144.20
Forestry	25.55	715.70	58.82	23.69		104.61			928.37
Geology	20.00	107.20	82.00			429.30	143.23		781.73
Gooding Station.....	665.70		26.50			48.65		131.54	872.39
Horticulture	376.27	141.74	79.00	31.59		182.95			811.57
Home Economics.....	16.70		9.00			28.30			54.00
Law			103.00	1,175.09					1,278.09
Library			480.00	6,815.54					7,295.54
Mechanical Engineering.....	1,902.32	80.07				36.16			2,018.55
Mining and Metallurgy.....	1,371.47	284.50	34.40			649.49			2,339.86
Military	9.50					212.88			221.88
Music			1,166.63			96.20			1,262.83
President's Office.....			29.00	.35					29.35
Physics	1,684.20	554.63				19.45			2,258.28
Physical Education.....		705.00	10.00			829.28			1,544.28
Practical Agriculture.....						75.00			75.00
Veterinary		72.56		11.00					83.56
	\$10,338.28	\$ 9,393.75	\$ 5,361.32	\$ 8,277.69	\$10,933.86	\$ 5,932.50	\$ 153.15	\$1,871.52	\$52,262.07

(b) General

	Purchase of Land	Furniture and Fixtures	Other Equipment	Imp'm't on Gen. Plant	New Buildings	
Land, Bldgs., and Equip. Adds.	\$13,673.80	\$ 552.90	\$ 963.99	\$ 4,315.32	\$57,901.38	\$77,407.39

Schedule C-5

Lands and Buildings

NEW BUILDINGS.

Administration Building.....	\$ 6,142.36	
Stock Barn and Judging Pavilion.....	12,176.27	
North Wing of Administration Building.....	39,582.75	
Caldwell Station.....	1,739.98	
Gooding Station.....	131.54	59,772.90

PURCHASE OF LAND.

103 Acres of Land.....	\$ 13,673.80	13,673.80
Total		\$ 73,446.70

U. S. MORRILL FUND

(JULY 1, 1910—JUNE 30, 1911)

RECEIPTS.

Balance on hand July 1, 1910.....	\$
To Morrill installment for year 1910-1911.....	45,000.00
Total available for year.....	\$ 45,000.00

DISBURSEMENTS.

For Instruction in Agriculture.....	\$ 11,900.10
For Instruction in Mechanic Arts.....	11,276.65
For Instruction in English Language.....	4,313.94
For Instruction in Mathematical Science.....	2,890.00
For Instruction in Natural or Physical Science.....	10,045.96
For Instruction in Economic Science.....	4,573.35
Total expended during year.....	\$ 45,000.00

(JULY 1, 1911—JUNE 30, 1912)

RECEIPTS.

Balance on hand July 1, 1911.....	\$
To Morrill installment 1912—1913.....	50,000.00
Total available for year.....	\$ 50,000.00

DISBURSEMENTS.

For Instruction in Agriculture.....	\$ 11,045.88
For Facilities in Agricultural Instruction.....	56.56
For Instruction in Mechanic Arts.....	12,900.00
For Instruction in English Language.....	5,061.06
For Instruction in Mathematical Science.....	3,212.50
For Instruction in Natural or Physical Science.....	11,803.50
For Facilities for Instruction in Physical Science.....	585.50
For Instruction in Economic Science.....	5,335.00
Total expended during year.....	\$ 50,000.00

(JULY 1, 1912—DECEMBER 1, 1912.)

RECEIPTS.

Balance on hand July 1, 1912.....	\$
To Morrill installment 1912-1913.....	50,000.00
Total available for year.....	\$ 50,000.00

DISBURSEMENTS.

For Instruction	\$ 17,266.20
Balance on hand December 1, 1912.....	32,733.80
	\$ 50,000.00

U. S. HATCH FUND

(JULY 1, 1910—JUNE 30, 1911)

RECEIPTS.

Balance on hand July 1, 1910.....	\$ 175.87
To Hatch installment, 1910—1911.....	14,824.13
Total available for year.....	\$ 15,000.00

DISBURSEMENTS.

By Salaries	\$ 8,181.20
By Labor	2,139.31
By Publications	749.25
By Postage and Stationery.....	664.33
By Freight and Express.....	118.29
By Heat, Light, Power, and Water.....	691.34
By Chemicals and Laboratory Supplies.....	73.44
By Seeds, Plants, and Sundry Supplies.....	374.18
By Feeding Stuffs	816.99
By Tools, Machinery and Appliances.....	386.75
By Furniture and Fixtures.....	405.10
By Scientific Apparatus	29.20
By Live Stock	51.55
By Traveling Expenses	55.95
By Buildings and Land.....	263.12
Total expended during year.....	\$ 15,000.00

(JULY 1, 1911—JUNE 30, 1912)

RECEIPTS.

Balance on hand July 1, 1911.....	\$
To Hatch installment for 1911—1912.....	15,000.00
Total available for year.....	\$ 15,000.00

DISBURSEMENTS.

By Salaries	\$ 8,259.55
By Labor	2,066.44
By Publications	610.00
By Freight and Express.....	130.02
By Heat, Light, Water, and Power.....	494.76
By Chemicals and Laboratory Supplies.....	105.82
By Seeds, Plants, and Sundry Supplies.....	481.79
By Fertilizers	13.80
By Feeding Stuffs	476.93
By Library	14.75
By Tools, Machinery, and Appliances.....	281.45
By Furniture and Fixtures.....	98.44
By Scientific Apparatus	9.00
By Live Stock	260.00
By Traveling Expenses	292.70
By Contingent Expenses	25.00
By Buildings and Land.....	702.44

Total expended during year.....\$ 15,000.00

(JULY 1, 1912—DECEMBER 1, 1912.)

RECEIPTS.

Balance on hand July 1, 1912.....	\$
To Hatch installment for first two quarters, 1912—1913.....	7,500.00
Total receipts	\$ 7,500.00
Overdraft December 1, 1912.....	183.56
	\$ 7,683.56

DISBURSEMENTS.

By Expenditures for all purposes.....	\$ 7,683.56
	\$ 7,683.56

U. S. ADAMS FUND

(JULY 1, 1910—JUNE 30, 1911)

RECEIPTS.

Balance on hand July 1, 1910.....	\$ 1,275.71
To Adams installment, 1910—1911.....	13,724.29
Total available for year.....	\$ 15,000.00

DISBURSEMENTS.

By Salaries	\$ 9,081.20
By Labor	965.80
By Postage and Stationery.....	29.09
By Freight and Express.....	552.64
By Heat, Light, Water, and Power.....	225.90
By Chemicals and Laboratory Supplies.....	910.81
By Seeds, Plants and Sundry Supplies.....	371.25
By Tools, Machinery and Appliances.....	494.27
By Furniture and Fixtures.....	183.55
By Scientific Apparatus and Specimens.....	1,453.59
By Traveling Expenses	706.38
By Building and Land.....	25.52
Total expended during year.....	\$ 15,000.00

(JULY 1, 1911—JUNE 30, 1912)

RECEIPTS.

Balance on hand July 1, 1911.....	\$
To Adams installment, 1911—1912.....	15,000.00
Total available for year.....	\$ 15,000.00

DISBURSEMENTS.

By Salaries	\$ 9,972.47
By Labor	1,137.65
By Postage and Stationery.....	46.42
By Freight and Express.....	415.33
By Heat, Light, Power, and Water.....	350.83
By Chemicals and Laboratory Supplies.....	485.11
By Seeds, Plants, and Sundry Supplies.....	477.30
By Library	58.69
By Tools, Machinery and Appliances.....	244.43
By Furniture and Fixtures.....	43.90
By Scientific Apparatus and Specimens.....	1,251.10
By Traveling Expenses	405.30
By Buildings and Land.....	111.47
Total expended during year.....	\$ 15,000.00

(JULY 1, 1912—DECEMBER 1, 1912.)

RECEIPTS.

Balance on hand July 1, 1912.....	\$
To Adams installment for first two quarters, 1912—1913....	7,500.00
Total receipts	\$ 7,500.00

DISBURSEMENTS.

By Expenditures to December 1, 1912.....	\$ 5,851.50
Balance on hand December 1, 1912.....	1,648.50
	\$ 7,500.00

LOCAL STATION FUND

(JULY 1, 1910—DECEMBER 1, 1910,

RECEIPTS.

To Sale of Farm Products.....	\$ 821.06
Less Overdraft July 1, 1910.....	259.16
Net receipts	\$ 561.90
Overdraft December 1, 1910.....	479.16
	\$ 1,041.06

DISBURSEMENTS.

Expenditures for all purposes from July 1, 1910, to December 1, 1910	\$ 1,041.06
	\$ 1,041.06

(DECEMBER 1, 1910—DECEMBER 1, 1912)

RECEIPTS.

To Sale of Farm Products.....	\$ 2,375.29
To Interest on Hatch and Adams Funds, deposited in local bank	174.15
	\$ 2,549.44
Less Overdraft on December 1, 1910.....	479.16
Net Receipts	\$ 2,070.28

DISBURSEMENTS.

By Expenditures as shown in the list of warrants in Financial Appendix	\$ 1,747.59
Balance on hand December 1, 1912.....	322.69
	\$ 2,070.28

WARRANT REGISTER

STATE MAINTENANCE FUND

No.	Name and Service.	Amount.
1282.	David & Ely Co., department supplies.....	\$ 106.87
1283.	Star-Mirror, supplies, printing.....	9.25
1284.	Nils Peterson, plumbing, Dormitory, Chemistry.....	38.40
1285.	Standard Lumber Co., lumber, Gymnasium.....	500.00
1286.	Jones & Dillingham, department supplies.....	2.00
1287.	Yawman & Erbe, supplies, typewriter.....	1.57
1288.	Tull & Gibbs, labor, Dormitory.....	3.25
1289.	Francis Jenkins, Bursar, money advanced for student labor	221.55
1290.	City of Moscow, water	303.90
1291.	Moscow Telephone & Telegraph Co., rental.....	37.30
1292.	C. H. Shattuck, traveling expenses.....	5.00
1293.	Foglesong & Morgareidge, Ins., Metallurgical Bldg... ..	100.00
1294.	W. G. Barge, Ins., new Gymnasium.....	75.00
1295.	Naylor & Cummings, Ins., Metallurgical Bldg.....	100.00
1296.	C. & M. E. Lewis Co., Ins., Administration Bldg.....	50.00
1297.	Veatch Realty Co., Ins., Heating Plant.....	75.00
1298.	F. E. Cornwall, Ins., Music Hall.....	20.00
1334.	Francis Jenkins, Bursar, cash adv. for labor.....	185.45
1335.	The C. M. Fassett Co., Mining supplies.....	60.48
1336.	Denny-Renton Clay & Coal Co., supplies, Heating Plant.	11.25
1337.	Holly-Mason Hdw. Co., supplies, Mining department...	50.52
1338.	Eugene Dietzgen Co., supplies, Civil Engineering dept...	.75
1339.	Eimer & Amend, apparatus, Civil Engineering.....	3.20
1340.	Idaho Post, Departmental supplies.....	7.00
1341.	Washington State College, supplies, Civil Eng. dept....	39.60
1342.	Jones & Dillingham, department supplies.....	1.95
1343.	Union Iron Works, material Civil Eng. dept.....	12.30
1344.	Francis Jenkins, Bursar, freight, express and supplies..	153.69
1345.	First Trust Co., Ins., Metallurgical Bldg.....	100.00
1346.	First Trust Co., Ins., U. S. Ordnance.....	7.00
1347.	Thompson Bros., Ins., Morrill Hall.....	70.00
1563.	Capital News Publishing Co., printing.....	135.50
1564.	City of Moscow, water, January.....	69.00
1565.	Collins & Orland, Departmental supplies.....	53.00
1566.	Moscow Tel. & Tel. Co., rentals.....	30.78
2582.	E. N. Durfee, January salary.....	180.00
2583.	Chas. H. Wilber, January salary.....	150.00
2584.	E. N. Durfee, February salary.....	180.00
2585.	Chas. H. Wilber, February salary.....	150.00
2593.	F. W. Meisnest, books.....	55.00
2594.	Statesman Publishing Co., subscription.....	10.50
2595.	Charles Scribners Sons, books.....	84.00
2596.	D. Appleton & Co., Year book.....	3.50
2597.	Lea & Febiger, book.....	4.75
2598.	A. C. McClurg & Co., books.....	361.76
2599.	Francis Jenkins, Bursar, postage.....	.17
2600.	H. R. Smith, instruction in Law School.....	50.00
2846.	James A. MacLean, salary, March.....	208.35
2847.	T. E. Cathro, salary, March, 1911.....	48.00
2848.	Margaretha Von Osten, salary, March, 1911.....	50.00

No.	Name and Service.	Amount.
2849.	Permeal J. French, salary, March.....	120.00
2850.	John Hanson, salary, March, 1911.....	65.00
2851.	J. G. Eldridge, salary, March, 1911.....	183.35
2852.	I. J. Cogswell, salary, March, 1911.....	120.00
2853.	Mabel E. Price, salary, March, 1911.....	50.00
2854.	Sidney C. Bates, salary, March, 1911.....	83.35
2855.	John Almquist, salary, March, 1911.....	65.00
2856.	Fay Hostetter, salary, March, 1911.....	33.35
2857.	E. H. Collens, salary, March, 1911.....	75.00
2858.	Belle Geddes, salary, March, 1911.....	50.00
2859.	E. M. Hulme, salary, March, 1911.....	200.00
2860.	Fred Skog, salary, March, 1911.....	65.00
2861.	R. B. Nims, salary, March, 1911.....	50.00
2862.	Belle Sweet, salary, March.....	100.00
2863.	C. W. Vander Veer, salary, March.....	120.00
2864.	Ruth Brewer, salary, March.....	50.00
2865.	C. R. Stillinger, salary, March.....	50.00
2866.	Nellie Regan, salary, March.....	90.00
2867.	Jean R. Wold, salary, March.....	100.00
2868.	C. C. Rice, salary, March.....	170.00
2869.	H. L. Axtell, salary, March.....	190.00
2870.	E. T. Sage, salary, March.....	120.00
2871.	Francis Jenkins, salary, March.....	108.35
2872.	C. H. Wilber, March salary.....	150.00
2873.	E. N. Durfee, March salary.....	180.00
2874.	W. A. Simpson, salary, March.....	70.00
2875.	City of Moscow, water.....	82.70
2876.	Crane Co., Departmental supplies.....	95.99
2877.	William P. Turner, supplies, Civil Eng. Dept.....	46.00
2878.	Madison Lumber Co., coal, general.....	419.95
2879.	J. J. Sterner, pictures, Publicity Dept.....	3.85
2880.	The Holtzer Cabot Electric Co., supplies.....	2.50
2881.	Francis Jenkins, Bursar, cash advanced on labor.....	215.13
2882.	Francis Jenkins, Bursar, cash advanced on labor.....	22.25
2883.	Francis Jenkins, Bursar, cash advanced on freight, express and postage.....	98.65
3759.	Ruth Brewer, salary, April.....	50.00
3760.	E. J. Carey, salary, March.....	50.00
3761.	City of Moscow, grader rental, Gymnasium.....	4.00
3762.	Moscow Tel. & Tel. Co., 'phone rental.....	16.55
3763.	Burton L. French, instructor in Law.....	35.00
3764.	B. F. Cummins Co., repair work.....	4.80
3765.	Idaho-Washington Light & Power Co., light and power.....	93.36
3766.	Idaho-Washington Light & Power Co., February, light..	105.28
3767.	R. D. Bistline, salary, March, 1911.....	17.35
3768.	Idaho-Washington Light & Power Co., merchandise....	2.00
3769.	N. Williamson, supplies.....	5.91
3770.	Hicks Judd Co., Library books.....	13.34
3771.	McGraw-Hill Book Co., magazines.....	27.00
3772.	Fibrex Sales Co., supplies, general.....	3.00
3773.	E. H. Sargent & Co., chemical supplies.....	37.80
3774.	Bausch-Lomb Optical Co., supplies, Biology Dept.....	20.25
3775.	Idaho-Washington Light & Power Co., merchandise....	20.60
3776.	H. Channon Co., supplies, Mechanical Dept.....	2.27
3777.	John Wiley & Sons, books, Civil Eng.....	5.00
3778.	John W. Graham & Co., supplies, Bursar.....	7.70
3779.	General Electric Co., supplies, new Gymnasium.....	156.64

No.	Name and Service.	Amount.
3780.	Lewiston Tribune, printing supplies.....	32.50
3781.	G. A. Hosmer & Co., Departmental supplies.....	10.00
3782.	Gardner Governor Co., supplies, Heating Plant.....	2.03
3783.	Potlatch Lumber Co., lumber Eng. Dept.....	5.20
3784.	Ward's Natural Science Establishment, supplies, Nat- ural Science.....	224.30
3785.	Collins & Orland, hardware, general.....	33.75
3786.	H. Channon Co., supplies, Heating Plant.....	7.95
3787.	William Goodbody, stationery.....	43.60
3788.	Spokane Brush & Waxine Co., supplies, Janitor.....	22.50
3789.	David & Ely Co., general supplies.....	21.90
3790.	Francis Jenkins, Bursar, money advanced on freight and express	138.35
3791.	Francis Jenkins, Bursar, money advanced on freight and express	78.92
3792.	Francis Jenkins, Bursar, money advanced on labor.....	23.45
3793.	Francis Jenkins, money advanced on labor.....	229.65
3913.	Fay Hostetter, salary, April, 1911.....	33.35
3914.	J. G. Griffith, salary, March, 1911.....	160.00
3915.	Permeal J. French, salary, April, 1911.....	120.00
3916.	E. T. Cathro, salary, April, 1911.....	48.00
3917.	Sidney C. Bates, salary, April.....	83.35
3918.	Belle Geddes, salary, April, 1911.....	50.00
3919.	John Hanson, salary, April.....	65.00
3920.	J. G. Eldridge, salary, April.....	183.35
3921.	Francis Jenkins, salary, April.....	108.35
3922.	Belle Sweet, salary, April.....	100.00
3923.	I. J. Cogswell, salary, April.....	120.00
3924.	Nellie Regan, salary, April.....	90.00
3925.	Mabel E. Price, salary, April.....	55.00
3926.	Fred Skog, salary, April.....	65.00
3927.	Floyd Blaylock, salary, April.....	50.00
3928.	E. T. Sage, salary, April.....	120.00
3929.	Margaretha Von Osten, salary, April.....	50.00
3930.	E. J. Carey, salary, April.....	50.00
3931.	W. A. Simpson, salary, April.....	70.00
3932.	H. L. Axtell, salary, April.....	190.00
3933.	C. C. Rice, salary, April.....	170.00
3934.	Edna Price, salary, April.....	22.65
3935.	John Almquist, salary, April.....	65.00
3936.	C. H. Wilber, April salary.....	150.00
3937.	E. N. Durfee, April salary.....	180.00
3938.	C. W. Vander Veer, salary April.....	120.00
4365.	E. M. Hulme, salary, April.....	200.00
4366.	J. G. Griffith, salary, April.....	160.00
4367.	O. E. McCutcheon, salary, April.....	150.00
4368.	Standard Dray Co., cartage.....	1.50
4369.	City of Moscow, water rent.....	100.55
4370.	Edna Pickett, labor.....	14.50
4371.	John F. MacLane, services April, 1911.....	150.00
4372.	Lewiston Dray Co., services Military Dept.....	29.00
4373.	Jones & Dillingham, general supplies.....	7.90
4374.	R. Hodgins, Departmental supplies.....	2.45
4375.	Rhodes Iron Works, supplies, Mining Dept.....	91.25
4376.	Syms-York Co., law books.....	14.75
4377.	Callaghan & Co., law books.....	80.20
4378.	American Law Book Co., law books.....	7.20

No.	Name and Service.	Amount.
4379.	Bancroft-Whitney Co., law books.....	10.50
4380.	A. H. Grant, periodicals, library.....	6.05
4381.	Central Scientific Co., apparatus, Physics Dept.....	10.00
4382.	Eugene Dietzgen Co., supplies, Civil Eng.....	1.50
4383.	Arch Cunningham & Co., supplies, Agriculture Dept....	18.00
4384.	General Electric Co., supplies, Electric Dept.....	7.33
4385.	Paul E. Cabaret & Co., apparatus, Biology Dept.....	100.00
4386.	Crane Co., Departmental supplies.....	17.41
4387.	George Creighton & Co., supplies, Domestic Art.....	2.50
4388.	Moscow Hardware Co., Departmental supplies.....	4.15
4389.	Dust Proof Floor Dressing Co., supplies Janitor Dept...	20.47
4390.	H. H. Powers, supplies Biology Dept.....	11.50
4391.	Spokane Seed Co., seeds.....	10.95
4392.	C. M. Fassett Co., supplies Chemical Dept.....	17.35
4393.	Westinghouse Electric Co., supplies Electric Dept.....	1.56
4394.	Idaho Post, Departmental stationery.....	11.70
4395.	Lawyer's Co-operative Publishing Co., Law books.....	8.50
4396.	Lewiston Hardware Co., Military Dept. supplies.....	15.15
4397.	Eimer & Amend, apparatus, Geology Dept.....	48.38
4398.	William Ainsworth & Co., apparatus, Civil Eng. Dept...	20.00
4399.	General Electric Co., apparatus, Electrical Dept.....	575.52
4400.	Empire Hardware Co., Departmental supplies.....	19.90
4401.	David & Ely Co., general supplies.....	1.30
4402.	Economical Pharmacy, Departmental supplies.....	.55
4403.	Crosby Steam Guage & Valve Co., supplies Heating Plant	30.25
4404.	Eimer & Amend, apparatus, Chemical Dept.....	92.15
4405.	Charles A. Strellinger, supplies, Civil Eng.....	14.19
4406.	Eagle Lock Co., Departmental supplies.....	26.80
4407.	Eugene Deitzgen Co., Civil Engineering Dept.....	7.15
4408.	American Institute of Mining Engineers, magazines....	14.00
4409.	T. H. Flood & Co., Law books.....	18.00
4410.	D. Hill, Forestry supplies.....	5.75
4411.	Francis Jenkins, Bursar, cash advanced on labor.....	142.94
4412.	J. M. Aldrich, expenses, April 18, 1911.....	7.15
4413.	D. R. Steinman, traveling expenses.....	19.60
4414.	R. S. McCaffery, traveling expenses, Mining.....	33.40
4415.	E. E. Elliot, expenses, traveling.....	23.75
4416.	E. M. Hulme, traveling expenses, visiting schools.....	163.45
4417.	E. E. Eliot, traveling expenses.....	30.25
4418.	Edward S. Sweet, traveling expenses.....	73.90
4419.	G. L. Larson, traveling expenses.....	85.60
4420.	Mrs. S. H. Hays, traveling expenses.....	56.55
4535.	James A. MacLean, salary, April.....	208.35
4536.	Jean R. Wold, salary, April.....	100.00
4537.	E. H. Collens, salary, April.....	75.00
4554.	City Transfer & Storage Co., delivery.....	8.75
4555.	N. Williamson, merchandise.....	7.09
4566.	Plant World, magazine subscription.....	6.50
4557.	Standard Dray Co., cartage.....	15.00
4558.	The C. M. Fassett Co., supplies, Mining.....	3.50
4559.	Valvoline Oil Co., oil.....	9.00
4560.	A. C. McClurg & Co., books.....	1.80
4561.	Empire Hardware Co., hardware supplies.....	11.25
4562.	Empire Hardware Co., hardware.....	4.90
4563.	Narragansett Machine Co., supplies, Gymnasium.....	632.50
4564.	National Association of Cement Users, magazines.....	4.50

No.	Name and Service.	Amount.
4565.	A. C. McClurg & Co., books, Physics Dept.....	4.38
4566.	Potlatch Lumber Co., lumber, Civil Engineering Dept.	12.20
4758.	Bancroft-Whitney Co., Law books.....	61.65
4759.	Standard Dray Co., drayage, Military Dept.....	8.25
4760.	Moscow Tel. & Tel. Co., 'phone rentals.....	15.50
4761.	Idaho-Washington Light & Power Co., apparatus, Chemistry Dept.....	10.00
4762.	H. Channon & Co., supplies, Heating Plant.....	6.18
4763.	Imperial Blacksmith Shop, supplies, Military Dept.....	2.00
4764.	Idaho-Washington Light & Power Co., light and power.	86.29
4765.	Madison Lumber Co., building materials.....	21.92
4766.	Star-Mirror, printing supplies.....	43.75
4767.	F. O. Berg, rental supplies, Military Dept.....	94.20
4768.	Geo. Hall, labor and materials, Geology Dept.....	30.00
4769.	Moscow Electric Supply Co., materials, Electric Dept...	9.00
4770.	Potlatch Lumber Co., coal.....	198.25
4771.	A. C. McClurg & Co., books, Library.....	42.91
4772.	Foote Mineral Co., Geology supplies.....	130.05
4773.	Electric Appliance Co., Electric supplies.....	.93
4774.	A. C. McClurg & Co., Library books.....	2.23
4775.	Bausch & Lomb Optical Co., Biology supplies.....	78.80
4776.	McNeil & Higgins Co., supplies.....	24.50
4777.	A. C. McClurg & Co., books for library.....	54.86
4778.	Edward Thompson Co., Law books.....	2.50
4779.	E. H. Sargent & Co., Mining supplies.....	12.60
4780.	Collins & Orland, Mining supplies.....	140.45
4781.	West Publishing Co., Law books.....	15.00
4782.	T. Shriver & Co., Chemistry apparatus.....	50.00
4783.	Yale Law Journal, subscription.....	2.50
4784.	John Wiley & Son, C. E. supplies.....	1.00
4785.	H. Channon Co., supplies, Grounds Dept.....	33.50
4786.	N. Williamson, supplies, Janitor.....	1.75
4787.	C. C. Tull, traveling expenses.....	57.25
4788.	Francis Jenkins, Bursar, cash advanced on labor.....	117.69
4789.	Francis Jenkins, Bursar, cash advanced on freight and express	277.84
5374.	C. H. Wilber, balance salary year 1910-11.....	250.00
5375.	Edna Price, balance salary year 1910-11.....	20.00
5376.	E. M. Hulme, balance salary year 1910-11.....	200.00
5377.	J. S. DeLury, balance salary year 1910-11.....	150.00
5378.	C. C. Tull, balance salary year 1910-11.....	150.00
5379.	E. N. Durfee, balance salary year 1910-11.....	180.00
5380.	E. H. Collens, balance salary year 1910-11.....	75.00
5381.	Fay Hostetter, salary, May.....	33.35
5382.	Margaretha von Osten, balance salary year 1910-11.....	50.00
5383.	Jean R. Wold, balance salary year 1910-11.....	100.00
5384.	G. L. Larson, balance salary, year 1910-11.....	150.00
5385.	C. J. Orland, salary second semester.....	100.00
5386.	Wm. E. Lee, salary.....	65.00
5387.	C. W. Vander Veer, salary.....	120.00
5388.	C. C. Rice, balance salary year 1910-11.....	170.00
5389.	Ruth Brewer, balance salary year 1910-11.....	50.00
5390.	Ph. Soulen, balance salary year 1910-11.....	180.00
5391.	Teller Corporation Ltd., stationery, Bursar.....	53.25
5392.	H. R. Smith, salary second semester.....	150.00
5395.	H. L. Axtell, balance salary, year 1910-11.....	190.00
5394.	I. J. Cogswell, balance salary year 1910-11.....	120.00

No.	Name and Service.	Amount.
5395.	Permeal J. French, balance salary year 1910-11.....	120.00
5396.	Permeal J. French, salary, May.....	120.00
5397.	T. E. Cathro, balance salary year 1910-11.....	48.00
5398.	Nellie Regan, balance salary year 1910-11.....	90.00
5399.	Floyd Blaylock, salary half month of June.....	30.00
5400.	E. T. Sage, balance salary year 1910-11.....	120.00
5401.	J. G. Griffith, balance salary year 1910-11.....	160.00
5402.	Moscow Telephone & Telegraph Co., rentals.....	23.67
5403.	City Transfer & Storage Co., draying.....	1.25
5404.	City of Moscow, water.....	61.95
5405.	Bancroft-Whitney Co., books.....	17.50
5406.	H. H. Hoffman & Co., warrant register.....	17.75
5407.	Leonard Felix Fuld, book.....	3.00
5408.	Baker & Co., Inc., supplies, Mining.....	23.92
5409.	Bancroft-Whitney Co., book.....	2.50
5410.	Allis-Chalmers.....	2.50
5411.	Lewiston Printing & Binding Co., office supplies.....	40.65
5412.	Standard Dray Co., labor and draying.....	29.50
5413.	McGraw-Hill Book Co., book.....	3.40
5414.	Ward's Natural Science Establishment, supplies, Geology.....	40.00
5415.	American Law Book Co., book.....	3.75
5416.	David & Ely Co. Ltd., merchandise, general.....	7.25
5417.	Spokane Seed Co., merchandise.....	7.50
5418.	C. W. Treat, book.....	13.95
5419.	C. B. Bagley, book.....	10.40
5420.	H. P. Eggan, merchandise.....	2.90
5421.	Troy Lumber & Manufacturing Co., lumber.....	32.25
5422.	Collins & Orland, merchandise, Mining.....	56.85
5423.	Central Scientific Co., supplies, Physics.....	220.23
5424.	Star-Mirror, stationery, Law Dept.....	31.00
5425.	Economical Pharmacy, Chemistry supplies.....	1.00
5426.	Moscow Auto Co., gasoline.....	3.00
5427.	Eastman-James Co., supplies, Dairy.....	17.10
5428.	Francis Jenkins, Bursar, sundries, labor.....	70.10
5429.	Francis Jenkins, Bursar, general expenses.....	28.51
5430.	E. E. Elliot, traveling expenses.....	36.10
5431.	Evan T. Sage, traveling expenses.....	93.25
5494.	Ph. Soulen, salary May.....	180.00
5495.	Ruth Brewer, salary May.....	50.00
5496.	J. G. Griffith, salary May.....	160.00
5497.	Francis Jenkins, salary.....	108.35
5498.	E. H. Collens, salary May.....	75.00
5499.	C. C. Rice, salary May.....	170.00
5500.	E. N. Durfee, salary May.....	180.00
5501.	Fay Hostetter, salary.....	33.35
5502.	Nellie Reagan, salary May.....	90.00
5503.	H. L. Axtell, salary May.....	190.00
5504.	Floyd Blaylock, salary May.....	60.00
5505.	Sidney C. Bates, May salary.....	83.35
5506.	Edna Price, May salary.....	20.00
5507.	Belle Sweet, May salary.....	100.00
5508.	Belle Geddes, May salary.....	50.00
5509.	E. M. Hulme, May salary.....	200.00
5510.	E. T. Sage, May salary.....	120.00
5511.	E. J. Carey, May salary.....	50.00
5512.	T. E. Cathro, May salary.....	48.00
5513.	John Hanson, May salary.....	65.00

No.	Name and Service.	Amount.
5514.	John Almquist, May salary.....	65.00
5515.	Mabel E. Price, May salary.....	55.00
5516.	C. W. Vander Veer, May salary.....	120.00
5517.	I. J. Cogswell, May salary.....	120.00
5518.	W. A. Simpson, May salary.....	70.00
5519.	Margaretha Von Osten, May salary.....	50.00
5520.	J. G. Eldridge, May salary.....	183.35
5521.	Jean R. Wold, May salary.....	100.00
5522.	James A. MacLean, May salary.....	208.35
5523.	C. H. Wilber, May salary.....	150.00
5524.	Fred Skog, May salary.....	65.00
5850.	E. J. Carey, balance salary 1910-11.....	50.00
5851.	Mabel E. Price, June salary.....	50.00
5852.	John Almquist, June salary.....	65.00
5853.	James A. MacLean, June salary.....	208.35
5854.	Fred Skog, June salary.....	65.00
5855.	W. A. Simpson, June salary.....	70.00
5856.	Sidney C. Bates, June salary.....	83.35
5857.	Belle Sweet, June salary.....	100.00
5858.	Francis Jenkins, June salary.....	108.35
5859.	Belle Geddes, June salary.....	50.00
5860.	John Hanson, June salary.....	65.00
5861.	J. G. Eldridge, June salary.....	183.35
5862.	Standard Dray Co., draying.....	4.00
5863.	Idaho-Washington Light & Power Co., light and power.	91.52
5864.	City of Moscow, water.....	71.80
5865.	Tribune Publishing Co., debate bulletins.....	23.50
5866.	Troy Lumber & Manufacturing Co., lumber.....	24.33
5867.	Charles C. Swann, Domestic Science supplies.....	91.30
5868.	David & Ely Co. Ltd., Domestic Science supplies.....	27.41
5869.	Hagan & Cushing, Domestic Science supplies.....	26.45
5870.	Zumhoff & Collins, general supplies.....	7.75
5871.	R. Hodgins, general supplies.....	64.10
5872.	Standard Oil Co., gasoline.....	15.40
5873.	Mutual Subscription Agency, periodical subscriptions...	22.10
5874.	American Ass'n for Labor Legislation, publications.....	5.50
5875.	A. C. McClurg & Co., books.....	22.71
5876.	G. E. Stechert & Co., books, Library.....	22.99
5877.	A. C. McClurg & Co., books, Library.....	35.92
5878.	R. Hodgins, Irving-Pitt book.....	2.10
5879.	John W. Graham & Co., record cards, Military.....	.85
5880.	David & Ely Co., hunting.....	7.58
5881.	George Creighton Co., powder bags.....	.75
5882.	Francis Jenkins, Bursar, freight and express, gen. exp...	61.12
5883.	Francis Jenkins, Bursar, sundry labor.....	121.85
5884.	M. E. Lewis, traveling expenses (Regents' expense)....	137.87
5885.	James A. MacLean, traveling expenses.....	46.10
6899.	W. A. Simpson, July salary.....	70.00
6900.	Frank Stanton, salary.....	262.50
6901.	James A. MacLean, July salary.....	208.35
6902.	Belle Geddes, July salary.....	50.00
6903.	Sidney C. Bates, July salary.....	83.35
6904.	Fred Skog, July salary.....	65.00
6905.	J. G. Eldridge, July salary.....	183.35
6906.	John Almquist, July salary.....	65.00
6907.	Francis Jenkins, salary.....	108.35
6908.	Ruth Brewer, July salary.....	59.00

No.	Name and Service.	Amount.
6909.	Frank Stanton, July salary.....	125.00
6910.	Belle Sweet, July salary.....	100.00
6911.	Moscow Steam Laundry, laundry.....	13.10
6912.	Moscow Steam Laundry, laundry.....	26.90
6913.	Moscow Steam Laundry, laundry.....	4.75
6914.	Moscow Telephone & Telegraph Co., services.....	27.95
6915.	Louise Richardson, July salary.....	45.00
6916.	W. S. Robbins, D. E. ice.....	4.55
6917.	Allis-Chalmers	2.50
6918.	Melvin Stockard, labor.....	56.95
6919.	H. A. Scheyer, supplies.....	3.00
6920.	McGraw-Hill Book Co., book.....	4.25
6921.	W. W. Ream, C. E. supplies.....	4.45
6922.	Capital News Publishing Co., subscription.....	4.00
6923.	Arthur H. Clark Co., book.....	4.00
6924.	H. Channon Co., plumbing supplies.....	5.32
6925.	Empire Hardware Co., supplies.....	1.65
6926.	Collins & Orland, supplies.....	11.85
6927.	H. W. Wilson Co., binding.....	1.50
6928.	Crane Co., heating supplies.....	37.85
6929.	Chas. Scribners Sons, books.....	4.00
6930.	Dodd, Mead & Co., book.....	5.60
6931.	W. M. Gibbs, book.....	3.50
6932.	Lawyers' Co-operative Publishing Co., book.....	2.50
6933.	G. F. Albright, Military labor.....	2.00
6934.	David & Ely Co., supplies.....	2.50
6935.	George Hall, labor and material.....	67.00
6936.	Idaho Post, printing.....	34.75
6937.	Mrs. S. H. Hays, traveling expenses (Regents' expense)	93.95
6938.	Francis Jenkins, Bursar, sundry labor.....	55.95
6939.	The Bankers' Surety Co., premium on surety bond.....	29.00
7359.	Gertrude Stevenson, salary.....	27.50
7360.	Moscow Telephone & Telegraph Co., services.....	27.10
7361.	City of Moscow, water, June and May.....	61.40
7362.	Standard Dray Co., transfer.....	4.00
7363.	City Transfer & Storage Co., transfer.....	23.00
7364.	West Publishing Co., law books.....	15.00
7365.	Denny-Renton Clay & Coal Co., fire clay.....	19.00
7366.	Shaw Borden Co., certificates.....	30.25
7367.	The Penton Publishing Co., book.....	2.25
7368.	Tinius Oleson & Co., C. E. apparatus.....	80.00
7369.	Star-Mirror, bulletins.....	966.72
7370.	Ross R. Sherfey, supplies.....	32.45
7371.	Bancroft-Whitney Co., book.....	2.50
7372.	Empire Hardware Co., supplies.....	8.10
7373.	Butterfield-Elder Co. Ltd., supplies.....	1.10
7374.	Francis Jenkins, Bursar, sundry labor.....	67.30
7375.	Francis Jenkins, Bursar, general expenses.....	242.97
8214.	Belle Geddes, August salary.....	50.00
8215.	W. A. Simpson, August salary.....	70.00
8216.	John Almquist, August salary.....	65.00
8217.	Frank Stanton, August salary.....	125.00
8218.	James A. MacLean, salary.....	208.35
8219.	Melvin Stockard, August salary.....	40.00
8220.	Francis Jenkins, salary.....	108.35
8221.	J. G. Eldridge, August salary.....	183.35
8222.	Ruth Brewer, August salary.....	50.00

No.	Name and Service.	Amount.
8223.	Fred Skog, August salary.....	65.00
8224.	George Hall, August salary.....	100.00
8225.	Belle Sweet, August salary.....	100.00
8226.	Louise Richardson, August salary.....	45.00
8227.	G. F. Albright, repairs, Domestic Art Dept.....	2.30
8228.	Standard Lumber Co., lumber.....	42.45
8229.	A. C. McClurg & Co., books.....	34.90
8230.	Standard Lumber Co., coal.....	24.65
8231.	Central Scientific Co., scale.....	45.00
8232.	Syms-York Co. Inc., books.....	18.75
8233.	Moscow Electric Supply Co., wire.....	4.80
8234.	Butterfield-Elder Implement Co., spray.....	2.00
8235.	Edward Thompson Co., book.....	2.50
8236.	Idaho National Harvester Co. Ltd., supplies, Eng., Mech.	20.25
8488.	Belle Geddes, salary, September, 1911.....	50.00
8489.	C. H. Wilber, salary September.....	180.00
8490.	J. G. Eldridge, salary September.....	183.35
8491.	O. E. McCutcheon, salary September.....	250.00
8492.	Frank Stanton, salary September.....	125.00
8493.	James A. MacLean, salary September.....	208.35
8494.	Francis Jenkins, salary September.....	108.35
8495.	W. A. Simpson, salary September.....	70.00
8496.	Louise Richardson, salary September.....	45.00
8497.	The City of Moscow, water.....	55.70
8498.	Moscow Telephone & Telegraph Co., rentals.....	16.60
8499.	Collins & Orland Hardware Co., supplies.....	6.40
8500.	Butterfield-Elder Implement Co., separator.....	15.00
8501.	Collins & Orland, supplies.....	18.45
8502.	Charles Scribner's Sons, books.....	4.50
8503.	Coeur d'Alene Hardware Co., freight on compressor, Mining.....	7.00
8504.	N. Williamson, merchandise.....	16.00
8505.	J. N. Freidman, harness.....	36.00
8506.	Hendrie & Bolthoff, supplies, Mining.....	11.20
8507.	Francis Jenkins, Bursar, freight and express.....	10.01
8508.	Francis Jenkins, Bursar, labor.....	83.75
9244.	E. M. Hulme, September salary.....	200.00
9245.	John Almquist, September salary.....	65.00
9246.	C. R. Stillinger, September salary.....	25.02
9247.	J. G. Griffith, September salary.....	160.00
9248.	Ruth Brewer, September salary.....	60.02
9249.	C. W. Vander Veer, September salary.....	140.00
9250.	H. L. Axtell, September salary.....	200.00
9251.	E. J. Cary, September salary.....	50.00
9252.	Belle Sweet, September salary.....	100.00
9253.	E. H. Collens, September salary.....	100.00
9254.	Permeal J. French, September salary.....	140.00
9255.	Potlatch Lumber Co., lumber.....	4.10
9699 to 9735.	Salary rolls for October.....	3,791.40
9736.	Idaho-Washington Light & Power Co., meter readings..	34.58
9737.	Idaho-Washington Light & Power Co., meter readings..	12.20
9738.	Idaho-Washington Light & Power Co., meter readings..	32.52
9739.	Idaho-Washington Light & Power Co., meter readings..	61.35
9740.	Moscow Telephone & Telegraph Co., rentals.....	22.22
9741.	William Wall, plumbing.....	110.00
9742.	T. E. Cathro, salary September.....	48.00
9743.	I. J. Cogswell, salary September.....	120.00

No.	Name and Service.	Amount.
9744.	Fred Skog, salary September.....	67.50
9745.	Jean R. Wold, salary September.....	110.00
9746.	Ph. Soulen, salary September.....	90.00
9747.	Fay Hostetter, salary September.....	50.00
9748.	L. P. Wilson, salary September.....	180.00
9749.	S. G. Patterson, salary September.....	170.00
9750.	Daniel H. Newhall, books.....	18.00
9751.	McGowan Bros. Hardware Co., merchandise.....	12.70
9752.	W. H. Lowdermilk & Co., book.....	2.65
9753.	C. M. Fawcett & Co., merchandise.....	1.50
9754.	Iler & Co., alcohol.....	14.65
9755.	Rivett Lathe Manufacturing Co., supplies, Physics.....	499.40
9756.	Buffalo Forge, supplies, Mechanical.....	112.00
9757.	Crane Co., supplies, Chemical.....	23.61
9758.	David & Ely, merchandise.....	1.45
9759.	McGraw Book Co., book.....	1.70
9760.	Western Clay Co., supplies, Mechanical.....	22.96
9761.	Stechert & Co., books.....	26.91
9762.	American Smelting & Refining Co., ores, Mining.....	14.10
9763.	Bancroft-Whitney Co., book.....	5.50
9764.	American Electrical-Chemical Society, books.....	4.00
9765.	J. J. Sterner, developing.....	34.00
9766.	Dennison Manufacturing Co., supplies, Chemical.....	8.41
9767.	Moscow Hardware Co., paint.....	17.65
9768.	The Star-Mirror, stationery.....	49.60
9769.	The Lawyer's Co-operative Publishing Co., book.....	2.50
9770.	Bancroft-Whitney Co., book.....	2.50
9771.	Standard Lumber Co., lumber.....	19.75
9772.	Callaghan & Co., books.....	8.10
9773.	N. Williamson, supplies, general.....	5.65
9774.	David & Ely Co., supplies, general.....	4.75
9775.	John C. Moore Corporation, supplies, general.....	6.25
9776.	Moscow Hardware Co., paint, etc.....	14.40
9777.	Edward H. Warren, books.....	38.00
9778.	Roslyn Cascade Coal Co., coal.....	548.27
9779.	City of Moscow, water rent.....	59.80
9780.	The Star-Mirror, stationery.....	67.45
9781.	Lawyers' Co-operative Publishing Co., book.....	2.50
9782.	The American Journal of Science, 1 index.....	1.25
9783.	Roslyn-Cascade Coal Co., coal.....	643.95
9784.	Shaw & Borden Co., stationery.....	11.50
9785.	G. A. Hosmer & Co., floor wax.....	17.85
9786.	Valvoline Oil Co., oil.....	14.00
9787.	Library Bureau, stationery.....	67.90
9788.	Crane Co., supplies.....	1.30
9789.	The Review of Reviews Co., photographs.....	29.45
9790.	N. Williamson, supplies, chemistry.....	2.50
9791.	Collins & Orland, paint, etc.....	33.90
9792.	Empire Tile & Mantel Co., supplies.....	17.61
9793.	H. A. Scheyer, supplies, chemistry.....	1.00
9794.	Burroughs Adding Machine Co., supplies.....	2.00
9795.	Irwin-Hodson Co., stationery.....	14.25
9796.	Standard Lumber Co., coal.....	297.50
9797.	C. M. Fasset Co., supplies, chemistry.....	95.15
9798.	Samuel Lewis, supplies, general.....	12.00
9799.	The Star-Mirror, stationery.....	101.25
9800.	Francis Jenkins, Bursar, freight and express.....	77.97

No.	Name and Service.	Amount.
9801.	I. J. Cogswell, traveling expenses.....	9.30
9802.	Frank Stanton, traveling expenses.....	43.05
9803.	The Lawyers' & Bankers' Corp. Adv. card, Law School.....	10.00
9804.	O. E. McCutcheon, expenses.....	18.55
9805.	Francis Jenkins, Bursar, sundry labor.....	135.75
9806.	Francis Jenkins, Bursar, sundry labor.....	78.18
9807.	Francis Jenkins, Bursar, sundry labor.....	138.55
9808.	Belle Sweet, traveling expenses.....	39.40
9809.	Francis Jenkins, Bursar, sundry labor.....	167.85
9810.	Tull & Gibbs, repairing.....	5.50
9811.	Francis Jenkins, Bursar, freight and express.....	149.80
10457.	J. J. Curran, Mining Exhibit.....	31.75
10458.	Playground Recreation Association, books.....	8.10
10459.	Moscow Electric Supply Co., supplies.....	1.30
10460.	Imperial Brush Co., janitor supplies.....	48.75
10461.	The Star-Mirror, paper.....	42.90
10462.	E. H. Sargent & Co., chemical supplies.....	61.85
10463.	The Chicago Record-Herald, subscription.....	5.00
10464.	Bausch & Lomb Optical Co., biology supplies.....	71.78
10465.	Crane Co., chemical supplies.....	5.30
10466.	Braun-Knecht-Heiman Co., Chemical supplies.....	15.84
10467.	Crane Co., Mining supplies.....	6.95
10468.	Crane Co., Mining supplies.....	210.64
10469.	Mrs. J. L. K. Haner, traveling expenses.....	88.35
10470.	O. A. Feris, traveling expenses.....	96.70
10471.	Spencer Lens Co., Forestry supplies.....	30.56
10472.	Collins & Orland Hardware Co., merchandise.....	7.00
10473.	David & Ely Co., merchandise, chemical.....	4.65
10474.	Ginn & Co. Publishers, books.....	24.00
10475.	Crane Co., heating supplies.....	15.26
10476.	Frederick Post Co., supplies C. E.....	32.63
10477.	Holly-Mason Hardware Co., supplies mining.....	5.33
10478.	Grimmers Storage & Truck Line, transfer.....	7.00
10479.	Foot Mineral Co., Mining Dept. minerals.....	22.60
10480.	Francis Jenkins, Bursar, general expenses.....	48.65
10481.	Francis Jenkins, Bursar, printing.....	22.25
10482.	Collins & Orland, Mining supplies.....	8.05
10483.	Moscow Telephone & Telegraph Co., services.....	51.86
10484.	Shafer & Budenberg Mfg. Co., supplies, mechanical....	65.07
10485.	Francis Jenkins, Bursar, notary commission.....	13.60
10486.	Standard Oil Co., gasoline.....	59.20
10487.	City of Moscow, water.....	51.25
10488.	Potlatch Lumber Co., lumber.....	14.80
10489.	Standard Dray Co., transfer.....	15.00
10490.	E. H. Moffitt, regent's expense.....	111.60
10491.	Chemical Rubber Co., Chemical supplies.....	25.07
10981-11013.	November Salary roll.....	3,636.40
11014.	J. J. Anthony, plate glass.....	2.50
11015.	J. J. Anthony, labor and materials.....	56.00
11016.	E. M. Dewey, hauling coal.....	48.55
11017.	Standard Dray Co., hauling coal.....	286.07
11018.	Idaho-Washington Light & Power Co., light and power	82.62
11019.	N. Williamson, merchandise.....	1.75
11020.	Madison Lumber & Mill Co., lumber for exhibit.....	1.60
11021.	Eagle Lock Co., chemical supplies.....	2.64
11022.	Jones & Dillingham, supplies.....	1.95
11023.	E. H. Sargent & Co., chemical supplies.....	334.96

No.	Name and Service.	Amount.
11024.	A. Wissler Instrument Works, C. E. supplies.....	96.00
11025.	Denver Fireclay Co., Mining supplies.....	288.90
11026.	Empire Hardware Co., general merchandise.....	56.02
11027.	Publishing of Engineering & Contracting, subscription.....	3.00
11028.	Francis Jenkins, Bursar, office supplies, etc.....	65.23
11029.	N. Williamson, merchandise.....	7.20
11030.	Wards Natural Sci. Establishment, Geology specimens.....	11.20
11031.	Continental Oil Co., gasoline mining.....	2.70
11032.	Spencer Lens Co., Forestry supplies.....	5.40
11033.	J. T. Baker Chemical Co., Chemical supplies.....	61.28
11034.	Davenport Coal Co., coal.....	534.02
11035.	Chas. A. Strellinger, supplies M. E.....	224.16
11036.	Francis Jenkins, Bursar, freight and express.....	276.85
11037.	Francis Jenkins, Bursar, sundry labor.....	212.37
11356.	City Transfer & Storage Co., transfer.....	8.25
11357.	City of Moscow, water.....	62.55
11358.	Moscow Telephone & Telegraph Co., services.....	21.10
11359.	Smith Premier Typewriter Co., typewriters.....	25.00
11360.	E. H. Sargent & Co., Chemical supplies.....	108.13
11361.	Crane Co., heating supplies.....	49.56
11362.	Rhodes Machine Works, supplies.....	4.02
11363.	Bausch Lomb Optical Co., supplies, Forestry.....	66.21
11364.	Frederick Post Co., supplies M. E.....	14.40
11365.	Northwest School Furniture Co., C. E. supplies.....	9.60
11366.	W. A. Lauder, cement.....	36.40
11367.	Eugene Deitzgen Co., C. E. supplies.....	3.63
11368.	George Creighton Co., merchandise.....	1.88
11369.	Narragansett Machine Co., Gymnasium supplies.....	180.00
11370.	Collins & Orland Hardware Co., merchandise.....	13.00
11371.	Smith Premier Typewriter Co., ribbons.....	1.50
11372.	G. F. Albright, labor.....	3.45
11373.	C. M. Fasset Co., Mining supplies.....	14.35
11374.	Moscow Hardware Co., merchandise.....	6.58
11375.	R. Hodgins, merchandise.....	2.45
11376.	Spon & Chamberlain, Library supplies.....	4.43
11377.	Richard S. McCaffery, traveling expenses.....	17.25
11378.	J. N. Friedman, repair.....	2.25
11379.	Mrs. S. H. Hays, regent expense.....	56.30
11941.	Moscow Telephone & Telegraph Co., services.....	20.37
11942.	David & Ely Co., canvas.....	.90
11943.	Northwest School Furniture Co., Chemical supplies....	7.80
11944.	Holly Mason Hardware Co., Mining supplies.....	12.05
11945.	R. Hodgins, merchandise.....	4.20
11946.	Empire Hardware Co., merchandise.....	2.05
11947.	The Star-Mirror, printing and paper.....	51.25
11948.	Bausch & Lomb Optical Co., Biology supplies.....	241.20
11949.	Library Bureau, Library supplies.....	100.00
11950.	Francis Jenkins, Bursar, sundry labors.....	245.38
12058-12090.	December Salary roll.....	3,726.40
12310.	Idaho-Washington Light & Power Co., meter readings..	162.70
12311.	Corliss McElroy, plumbing.....	3.40
12312.	Standard Dray Co., transfer.....	3.00
12313.	City of Moscow, water, November and October.....	68.35
12314.	C. E. Curtis, Gym. repairs.....	41.00
12315.	Ignatz Weil, insurance Metallurgical Bldg.....	47.50
12316.	Collins & Orland, general supplies.....	24.00
12317.	Ernest Hertzberg & Son, books.....	89.24

No.	Name and Service.	Amount.
12318.	McGowan Bros. Hardware Co., wheelbarrow.....	8.00
12319.	Bausch Lomb Optical Co., Biology supplies.....	68.85
12320.	C. J. Lundstrum, C. E. supplies.....	6.28
12321.	E. H. Sargent & Co., Chemistry supplies.....	110.72
12322.	Keufel & Esser, Forestry supplies.....	10.37
12323.	Crane Co., Mining supplies.....	195.00
12324.	John W. Graham & Co., Regents' supplies.....	13.20
12325.	Montana Historical & Miscellaneous Library, books....	12.00
12326.	Troy & Keith, Geology supplies.....	51.15
12327.	National Municipal League, subscription.....	5.00
12328.	Bausch Lomb Optical Co., Biology supplies.....	45.00
12329.	The Boston Book Co., magazines.....	15.90
12330.	American Entomological Co., Biology supplies.....	67.72
12331.	Standard Oil Co., gasoline.....	14.55
12332.	Empire Hardware Co., Heating supplies.....	1.50
12333.	R. R. Sherfey, Domestic Art supplies.....	4.00
12334.	Moscow Hardware Co., merchandise, Mechanical.....	12.28
12335.	Geo. Creighton Co., Ltd., merchandise, Domestic Art	2.40
12336.	W. & L. E. Gurley, Forestry supplies.....	14.00
12337.	C. M. Fassett Co., Mining supplies.....	4.00
12338.	C. M. Fassett Co., Chemical supplies.....	65.25
12339.	Central Scientific Co., Chemical supplies.....	53.43
12340.	Keufel & Esser, Forestry supplies.....	5.10
12341.	Ernst Hertzberg & Sons, bindings.....	267.87
12342.	Samuel Lewis, Janitor supplies.....	98.80
12343.	Bausch Lomb Optical Co., Botany supplies.....	137.25
12344.	Eugene Deitzgen Co., C. E. supplies.....	9.81
12345.	C. M. Fassett Co., Mining supplies.....	11.60
12346.	General Electric Co., Electric Dept. supplies.....	7.96
12347.	Washburn & Wilson, Domestic Science supplies.....	8.10
12348.	Hallidie Co., Mechanical Dept. supplies.....	303.00
12349.	Crane Co., Mechanical Dept. supplies.....	89.21
12350.	W. A. Lauder, cement, etc.....	22.55
12351.	The Acorn Sign Shop, sign for exhibits.....	5.20
12352.	Crane Co., for supplies.....	52.17
12353.	Francis Jenkins, Bursar, freight and express.....	187.46
13037-13069.	Salary roll, January, 1912.....	3,686.40
13070.	Francis Jenkins, Bursar, sundry labor.....	221.91
13071.	Corliss McElroy, labor.....	2.40
13072.	J. J. Sterner, framing.....	14.00
13073.	Idaho Country Life, advertising.....	35.00
13074.	Idaho-Washington Light & Power Co., meter readings..	165.60
13075.	New York Times, subscription.....	.50
13076.	F. O. Berg Co., floor canvas.....	353.43
13077.	Keuffel & Esser Co., C. E. supplies.....	77.24
13078.	Bausch & Lomb Optical Co., Engineering supplies.....	325.20
13079.	Ernst Hertzberg & Sons, high school reports.....	47.55
13080.	H. W. Wilson Co., subscriptions.....	19.00
13081.	Crane Co., general supplies.....	32.03
13082.	Spokane Brush & Waxine Co., Waxine.....	19.70
13083.	McGraw-Hill Book Co., books.....	56.66
13084.	McGraw-Hill Book Co., books.....	1.70
13085.	Moscow Electric Supply Co., supplies, Physics.....	5.70
13086.	George R. Barber, traveling expenses.....	6.80
13087.	Francis Jenkins, Bursar, freight and express.....	104.07
13756.	Moscow Telephone & Telegraph Co., rental and tolls....	40.20
13757.	Star-Mirror, printing.....	7.50

No.	Name and Service.	Amount.
13758.	J. J. Anthony, Mining fixtures.....	31.30
13759.	Francis Jenkins, Bursar, sundry labor.....	220.33
13760.	O.-W. R. & N. Ry. Co., freight.....	1,499.54
13761.	Inland Electric Co., labor.....	14.04
13762.	Crane Co., Mining supplies.....	23.27
13763.	A. C. McClurg & Co., books.....	2.82
13764.	Star-Mirror, printing.....	2.75
13765.	A. C. McClurg & Co., books.....	10.73
13766.	Schaeffer & Budenburg Mfg. Co., Mechanical supplies..	3.55
13767.	A. C. McClurg & Co., books.....	126.68
13768.	N. Williamson, Domestic Art supplies.....	6.25
13769.	Moscow Hardware Co., Mechanical supplies.....	2.97
13770.	Central Market, Domestic Science supplies.....	4.20
13771.	Crane Co., Mining supplies.....	33.30
13772.	International Magazine Co., subscriptions.....	46.56
13773.	Caroline M. Himebaugh, book.....	31.10
13774.	Technical Book Shop, C. E. diagrams.....	3.00
13775.	Crane Co., heating supplies.....	17.04
13776.	James G. Biddle, Chemical supplies.....	95.10
13777.	Madison Lumber & Mill Co., lumber.....	75.00
13778.	University Society Inc., books.....	19.50
13779.	A. C. McClurg & Co., books.....	17.37
13780.	Moscow Electrical Co., supplies.....	9.50
13781.	The Rocksbury Press, book.....	.75
13782.	The Star-Mirror, printing and stationery.....	81.00
13783.	Pend d'Oreille Review, stationery, Regents.....	12.75
13784.	Irwin Hodson Co., office supplies.....	20.95
13785.	Marshall-Wells Hardware Co., general supplies.....	35.45
13786.	Bennett's Newspaper & Magazine Agency, subscriptions.	401.50
13787.	J. E. Mudgett & Sons, wood.....	4.00
13788.	Bausch & Lomb Optical Co., Biology supplies.....	33.29
13789.	National Association Cement Users, book.....	5.00
13790.	George Creighton C. Ltd., Chemical supplies.....	5.00
13791.	Zumhoff & Collins, labor.....	20.75
13792.	W. A. Lauder, Mining supplies.....	11.20
13793.	Western Electric Co., Electric supplies.....	15.36
13794.	C. M. Fassett Co., Mining supplies.....	13.00
13795.	Eugene Deitzgen Co., Civil supplies.....	3.27
13796.	Spencer Lens Co., Mining supplies.....	36.00
13797.	The Idaho Post, stationery.....	4.55
13798.	The Idaho Statesman, subscription.....	7.00
13799.	Keuffel & Esser, Civil supplies.....	4.18
13800.	Ph. Soulen, traveling expenses.....	6.45
14213-14246.	Salary roll, February.....	3,726.40
14247.	Idaho-Washington Light & Power Co., meter readings..	106.74
14248.	Francis Jenkins, Bursar, sundry labor.....	433.81
14249.	Brawn & Sharp Mfg. Co., Mechanical Dept. supplies....	40.39
14250.	Mutual Subscription Agency, subscriptions.....	6.05
14251.	Keuffel & Esser, C. E. supplies.....	16.00
14252.	E. W. A. Rowles, Janitor supplies.....	26.63
14253.	D. Appleton & Co., book.....	3.50
14254.	American Tool Works Co., Mechanical supplies.....	3.50
14255.	W. A. Lauder, Mining supplies.....	1.00
14256.	Crane Co., Mining supplies.....	4.00
14257.	Holtzer-Cabot Electric Co., general supplies.....	3.75
14258.	Idaho-Washington Light & Power Co., electrical supplies	2.50
14259.	The Hart Mfg. Co., heating supplies.....	5.40

No.	Name and Service.	Amount.
14260.	John W. Graham & Co., book.....	3.15
14261.	Crane Co., Eng. supplies.....	1.17
14262.	J. G. Eldridge, traveling expenses.....	46.55
14263.	Francis Jenkins, Bursar, freight and express.....	63.55
14572.	J. J. Sterner, mining supplies.....	2.00
14573.	Carnegie Institution of Washington, binding.....	5.00
14574.	Standard Dray Co., draying.....	4.50
14575.	Moscow Telephone & Telegraph Co., rentals and tolls..	35.29
14576.	City of Moscow, water.....	46.55
14577.	Irwin Hodson Co., office supplies.....	6.00
14578.	Idaho National Harvester Co., general supplies.....	57.10
14579.	David & Ely Co., general supplies.....	1.60
14580.	Empire Hardware Co., general supplies.....	18.85
14581.	Crane Co., heating supplies.....	16.16
14582.	Williams, Brown & Earle, Eng. supplies.....	2.00
14583.	Madison Lumber & Coal Co., C. E. supplies.....	5.00
14584.	Bausch & Lomb Optical Co., Biology supplies.....	14.79
14585.	Romeyn B. Hough, book.....	5.20
14586.	Henderson-Ames Co., Military supplies.....	32.88
14587.	The National Education Association, membership dues..	2.00
14588.	Moscow Hardware Co., Mechanical Dept. supplies.....	9.68
14589.	A. Lietz Co., C. E. supplies.....	40.80
14590.	Crane Co., heating supplies.....	28.85
14591.	C. M. Fassett Co., Chemical supplies.....	2.75
14592.	Bennett's Newspaper & Magazine Agency, subscription..	5.35
14593.	Warren Webster & Co., heating supplies.....	2.72
14594.	T. H. McAllister Co., C. E. supplies.....	4.00
14595.	H. P. Eggan, C. E. supplies.....	3.50
14596.	Denver Fire Clay Co., Mining supplies.....	2.00
14597.	Handcock Inspirator Co., Mechanical supplies.....	3.10
14598.	Spokesman-Review, subscription.....	5.00
14599.	R. Hodgins, general supplies.....	16.70
14600.	Electric Appliance Co., Electric Dept. supplies.....	50.77
14601.	N. Williamson, general supplies.....	8.25
14602.	Standard Lumber Co., Mining supplies.....	11.40
14603.	David & Ely Co., Geology supplies.....	1.00
14604.	H. H. Powers, Biology supplies.....	4.85
14605.	Moscow Flour Mill, general supplies.....	10.00
14606.	Frederick Post Co., Eng. supplies.....	12.39
14607.	Frederick Post Co., C. E. supplies.....	18.99
14608.	General Electric Co., Electric Dept. supplies.....	15.91
14609.	Standard Oil Co., Chemical supplies.....	61.30
14610.	Eimer & Amend, C. E. supplies.....	2.95
14611.	Jno. F. Nicholson, traveling expenses.....	9.50
14612.	L. J. Peterson, insurance, Gymnasium.....	12.54
15012-15045.	Salary roll, March, 1912.....	3,726.40
15046.	Nile Peterson, labor.....	12.40
15047.	Standard Dray Co., draying.....	89.75
15048.	Idaho-Washington Light & Power Co., meter readings..	170.05
15049.	City of Moscow, water rents.....	39.80
15050.	Moscow Hardware Co., Mechanical Dept. supplies.....	10.70
15051.	N. Williamson, Janitor supplies.....	1.00
15052.	Hagan & Cushing, Domestic Science supplies.....	2.30
15053.	O. C. Carssow, Domestic Science supplies.....	17.68
15054.	Cincinnati Milling Machine Co., Mech. Dept. supplies..	8.00
15055.	Westinghouse Electric & Mfg. Co., Electric Dept. supplies	49.30

No.	Name and Service.	Amount.
15056.	Davenport Coal Co., coal.....	1,146.60
15057.	C. M. Fassett Co., general supplies.....	2.50
15058.	Idaho-Washington Light & Power Co., merchandise....	51.95
15059.	R. Hodgins, books.....	9.96
15060.	Potlatch Lumber Co., lumber.....	17.20
15061.	Collins & Orland Hardware Co., merchandise.....	26.00
15062.	Crane Co., heating supplies.....	2.57
15063.	Chas. Swann, Domestic Science groceries.....	24.35
15064.	Crane Co., heating supplies.....	8.86
15065.	Cudahy Packing Co., Janitor supplies.....	28.50
15066.	General Electric Co., Physics supplies.....	65.40
15067.	Journal of Electricity, subscription.....	2.50
15068.	Jno. F. Nicholson, traveling expenses.....	6.00
15069.	C. N. Little, traveling expenses.....	40.85
15070.	Francis Jenkins, Bursar, sundry labor.....	257.18
15071.	United Iron Works, supplies, Electric.....	24.56
15072.	Francis Jenkins, Bursar, freight and express.....	84.76
15278.	City of Moscow, water.....	35.15
15379.	American Ass'n. for Labor Legislation, publications....	5.00
15380.	Moscow Steam Laundry, laundry.....	9.30
15381.	Moscow Steam Laundry, laundry.....	2.75
15382.	Crane Co., heating supplies.....	4.86
15383.	A. C. McClurg & Co., books.....	26.95
15384.	Standard Lumber Co., fuel.....	248.00
15385.	The Star-Mirror, stationery.....	25.00
15386.	Driver-Harris Wire Co., Chemistry supplies.....	10.30
15387.	Empire Hardware Co., merchandise.....	6.36
15388.	Geo. Creighton Co., merchandise.....	2.40
15389.	Hendrie & Bolthoff Mfg. & Supply Co., Mechanical Dept. supplies.....	2.70
15390.	Eagle Lock Co., locks, Chemical Dept.....	9.44
15391.	The H. W. Wilson Co., books.....	3.08
15392.	Cedric-Chivers Co., Ltd., books.....	170.75
15393.	D. Van Nostrand Co., book.....	6.75
15394.	McGraw-Hill Book Co., book.....	6.25
15395.	H. Channon Co., Chemistry supplies.....	59.06
15396.	Ph. Soulen, traveling expenses.....	41.00
16045.	J. J. Sterner, picture, Mining Dept.....	3.10
16046.	Idaho-Washington Light & Power Co., meter reading..	103.84
16047.	Moscow Telephone & Telegraph Co., rentals.....	17.50
16048.	Standard Dray Co., transfer.....	29.55
16049.	G. H. Blair, repairs, Music Dept.....	2.50
16050.	D. Hill Nursery Co., Forestry supplies.....	5.07
16051.	C. M. Fassett & Co., supplies.....	15.00
16052.	General Electric Co., supplies, Electrical Dept.....	193.26
16053.	Moscow Electric Supply Co., labor.....	1.50
16054.	Keuffel & Esser Co., supplies Forestry Dept.....	3.14
16055.	Bennett's Newspaper & Magazine Agency, subscriptions.	15.20
16056.	The Journal of Biological Chemistry, subscription.....	4.00
16057.	American Forestry Co., supplies Forestry Dept.....	16.62
16058.	Williams, Brown & Earle, supplies C. E.....	19.25
16059.	N. Williamson, merchandise, Domestic Art.....	4.53
16060.	Collins & Orland Hardware Co., merchandise.....	14.20
16061.	Lemcke & Buechner, books.....	178.19
16062.	Continental Oil Co., oil, Mining Dept.....	13.50
16063.	Union Iron Works, supplies Electrical Dept.....	2.30
16064.	The Boston Book Co., books.....	4.34

No.	Name and Service.	Amount.
16065.	Crane Co., heating supplies.....	7.56
16066.	Ernst Leitz, supplies Geological Dept.....	80.00
16067.	Bausch & Lomb Optical Co., C. E. supplies.....	2.25
16068.	Diack & Smith, Chemistry supplies.....	9.00
16069.	Jno. W. Graham & Co., supplies Electrical Dept.....	6.11
16070.	G. E. Stechert & Co., books.....	80.28
16071.	Electric Appliance Co., supplies Electrical Dept.....	8.93
16072.	F. O. Berg Co., supplies Military.....	10.25
16073.	David & Ely, merchandise, Geological Dept.....	1.75
16074.	A. C. McClurg & Co., books.....	59.68
16075.	Ward-Lenhard Electric Co., supplies Chemistry.....	17.96
16076.	Davenport Coal Co., fuel.....	187.20
16077.	Spokane Paper & Stationery Co., paper.....	14.15
16078.	Engineering Magazine, subscription.....	2.00
16079.	National Association of State Mining Schools, dues 1912	15.00
16080.	Standard Oil Co., freight, Chemistry Dept.....	2.36
16081.	Francis Jenkins, Bursar, freight and express.....	104.70
16082.	Francis Jenkins, Bursar, sundry labor.....	276.56
16556.	R. R. Sherfey, office supplies.....	3.30
17932.	The Bankers' Surety Co., premium on bond.....	29.00
18841.	A. W. Talkington, insurance premium.....	95.00
Total		\$ 80,083.89

School of Science Fund

No.	Name and Service.	Amount.
258.	Charles A. Strelinger Co., tools.....\$	44.85
259.	Moscow Creamery, milk can.....	1.25
260.	J. J. Carr & Co., repairing.....	3.50
261.	John W. Graham & Co., merchandise.....	32.00
262.	Dennison Mfg. Co., Chemistry supplies.....	1.76
263.	Idaho-Washington Light & Power Co., meter readings....	11.28
264.	William Wall, repairing and supplies.....	2.05
265.	City Transfer & Storage Co., transferring.....	12.50
266.	Idaho-Washington Light & Power Co., light and power ..	166.72
267.	General Electric Co., general supplies.....	126.28
268.	Collins & Orland, supplies.....	31.40
269.	Idaho Post, printing.....	9.50
270.	Washington Rubber Co., gloves.....	6.05
271.	Bausch & Lomb Optical Co., supplies.....	116.75
272.	Eimer & Amend, chemicals.....	5.00
273.	Central Scientific Co., supplies.....	46.22
274.	Whitall Tatum Co., supplies.....	64.47
275.	Moscow Hardware Co., supplies.....	37.05
276.	Crane Co., heating plant supplies.....	10.92
277.	Standard Lumber Co., lumber.....	2.15
278.	Denny Renton Clay & Coal Co., fire clay.....	4.50
279.	Charles A. Strelinger Co., shop supplies.....	15.98
280.	Charles C. Swann, Domestic Science supplies.....	59.60
281.	Francis Jenkins, Bursar, sundry labor.....	203.06
282.	Francis Jenkins, Bursar, freight and express.....	182.30
283.	Francis Jenkins, Bursar, sundry labor.....	68.35
284.	William A. Earl, insurance.....	28.50
285.	W. N. Day, coal.....	1,594.77

No.	Name and Service.	Amount.
286.	Pren Moore, November salary.....	37.50
287.	W. H. Laws, November salary.....	25.00
288.	Margaret Livernash, November salary.....	25.00
289.	E. A. Markham, December salary.....	25.00
290.	L. C. Aicher, December salary.....	100.00
291.	E. Garren, November salary.....	50.00
292.	John Almquist, November salary.....	65.00
293.	E. A. Markham, October and November salary.....	50.00
294.	Pren Moore, December salary.....	37.50
295.	C. R. Stillinger, November salary.....	50.00
296.	F. W. Bird & Son, freight.....	6.66
297.	Eagle Lock Co., supplies.....	1.60
298.	Moscow Packing & Cold Storage Co., Ltd., supplies.....	5.36
299.	N. Williamson, supplies.....	17.12
300.	Butterfield-Elder Implement Co., supplies.....	9.45
301.	Spokane Seed Co., seeds.....	2.04
302.	Moscow Flour Mills, supplies.....	7.87
303.	O. G. Vroman, supplies.....	21.90
304.	E. H. Sargent & Co., Chemistry supplies.....	172.32
305.	Shelton Machinery Co., supplies, Dairy.....	36.50
306.	George W. Canner, one sign.....	1.75
307.	W. Clifford Edmundson, fare.....	2.10
308.	Francis Jenknis, Bursar, sundry labor.....	132.09
309.	Francis Jenkins, Bursar, freight and express.....	99.10
310.	J. H. Hills, Treasurer and Secretary Association American Agricultural Colleges and Experiment Stations, annual fee	25.00
311.	E. L. Black, December salary.....	25.00
312.	Moscow Telephone & Telegraph Co., telephone.....	4.68
313.	Madison Lumber Co., lumber.....	29.35
314.	Economical Pharmacy, supplies.....	5.25
315.	McGowan Bros., oil.....	6.45
316.	Baker & Taylor Co., books.....	22.30
317.	N. Williamson, supplies.....	10.50
318.	Frederick Carl, supplies.....	12.50
319.	Collins & Orland, supplies.....	9.85
320.	J. L. Bourn, plants.....	5.00
321.	Idaho-Washington Light & Power Co., supplies.....	.75
322.	W. L. Carlyle, expenses.....	67.75
323.	B. F. Thompson, supplies.....	9.85
324.	L. C. Aicher, expenses.....	28.90
325.	Francis Jenkins, Bursar, freight and express.....	11.70
326.	Francis Jenkins, Bursar, sundry labor.....	106.76
327.	Francis Jenkins, Bursar, organ (\$300.00) envelopes (\$9.82)	309.82
328.	James A. MacLean, December salary.....	208.35
329.	James A. McLean, October salary.....	200.00
New Series.		
1.	H. Channon & Co., supplies.....	365.39
2.	Idaho-Washington Light & Power Co., light.....	201.20
3.	Moscow Electric Supply Co., supplies.....	21.85
4.	Holly-Mason Hardware Co., supplies.....	14.68
5.	Samuel Lewis & Co., supplies.....	6.25
6.	Zumhoff & Collins, supplies and labor.....	44.00
7.	Ed Williamson, merchandise.....	8.30
8.	Moscow Hardware Co., merchandise.....	1.75
9.	Idaho Post, printing.....	8.00
10.	C. M. Fassett Co., supplies, Chemistry.....	9.40
11.	R. Hodgins, stationery, etc.....	31.65
12.	Star-Mirror, supplies.....	25.00

No.	Name and Service.	Amount.
13.	Eimer & Amend, supplies.....	141.41
14.	Ward's Natural Science Establishment.....	20.00
15.	The Leeds & Northrup Co., Mining supplies.....	116.10
16.	Oberg Bros., supplies, Military.....	2.50
17.	Standard Dray Co., transfer.....	4.00
18.	Barnard Studio, mounting pictures.....	3.75
19.	Francis Jenkins, Bursar, freight and express.....	130.08
20.	David & Ely Co., merchandise.....	1.50
21.	Dairy Dept., U. of I., cream for Domestic Science.....	7.35
22.	R. R. Sherfey, merchandise.....	1.50
23.	Idaho-Washington Light & Power Co., meter readings....	154.46
24.	Braun-Knecht-Heiman Co., Laboratory supplies.....	53.12
25.	M. Du Perow, supplies.....	2.10
26.	Westinghouse Electric Mfg. Co., supplies.....	12.50
27.	Grote-Rankin Co., supplies.....	38.50
28.	The Engineering Magazine, book.....	1.00
29.	Spencer Lens Co., supplies.....	15.50
30.	E. H. Sargent & Co., supplies.....	3.00
31.	Narragansett Machine Co., supplies.....	165.92
32.	Eimer & Amend, supplies.....	167.45
33.	R. Hodgins, merchandise.....	66.95
34.	J. J. Sterner, pictures.....	5.50
35.	J. J. Anthony, merchandise.....	3.75
36.	Idaho Post, printing.....	53.50
37.	Doremus Machine Co., supplies.....	8.25
38.	Central Laboratory Supply Co., supplies.....	500.00
39.	Tribune Publishing Co., printing.....	54.25
40.	W. & L. E. Gurley Co., supplies.....	2.40
41.	General Electric Co., supplies.....	14.39
42.	Standard Dray Co., transfer.....	2.50
43.	Francis Jenkins, Bursar, sundry labor.....	88.15
44.	Joseph F. Whelan, insurance premium.....	60.32
45.	Macmullin & Sauer, insurance premium.....	35.00
46.	F. E. Cornwall, insurance premium.....	95.00
47.	C. & M. E. Lewis Co., insurance premium.....	35.00
48.	William N. Hardwick, insurance premium.....	38.00
49.	William N. Hardwick, insurance premium.....	35.00
50.	H. Melgard, insurance premium.....	60.00
51.	Veatch Realty Co., insurance premium.....	53.75
52.	C. & M. E. Lewis, insurance premium.....	60.00
53.	Halladie Co., supplies.....	403.00
54.	Idaho National Harvester Co., supplies.....	17.92
55.	Bausch & Lomb, supplies.....	34.92
56.	Eimer & Amend, supplies.....	32.30
57.	Idaho-Washington Light & Power Co., meter readings....	47.46
58.	Leeds, Northrup Co., supplies.....	251.80
59.	McGraw-Hill Book Co., supplies.....	1.28
60.	Bausch & Lomb Optical Co., supplies.....	12.60
61.	General Electric Co., supplies.....	32.90
62.	H. Chamon Co., supplies.....	103.71
64.	Central Electric Co., supplies.....	74.22
65.	Fairbanks, Morse & Co., supplies.....	16.80
66.	Standard Oil Co., oil.....	64.80
67.	The Engineering Magazine, index annual.....	2.00
68.	Idaho Post, paper supplies.....	4.97
69.	General Electric Co., supplies.....	243.08
70.	Holly-Mason Hardware Co., merchandise.....	23.19

No.	Name and Service.	Amount.
75.	Foote Mineral Co., supplies, Mining.....	108.57
76.	Moscow Electric Supply Co., supplies, Physics.....	3.75
77.	Standard Oil Co., oil.....	32.20
78.	Keuffel & Esser So., supplies, Geology.....	15.20
79.	Collins & Orland Hardware Co., supplies for Mining Dept.	100.10
80.	Ernest Leitz, supplies, Bacteriology.....	231.22
81.	City Transfer & Storage Co., transfer, Military.....	5.00
82.	G. F. Albright, labor for Domestic Science Dept.....	1.00
83.	C. W. Treat, books, Engineering.....	72.50
84.	Moscow Hardware Co., supplies, Domestic Art.....	2.00
85.	Union Iron Works, supplies, Physics.....	22.50
86.	International Magazine Co., magazine subscription.....	2.75
87.	D. Hill Nursery Co., supplies, Forestry.....	4.50
88.	R. Hodgins, supplies, Forestry.....	15.45
89.	C. A. Stewart, traveling expenses.....	38.40
90.	J. M. Aldrich, field expenses, Biology.....	3.25
91.	R. S. McCaffery, traveling expenses, Mining.....	46.35
92.	Francis Jenkins, Bursar, sundry labor.....	96.30
93.	D. C. Livingston, traveling expenses, Mining.....	44.25
94.	Francis Jenkins, Bursar, freight and express and stamps..	54.23
95.	Davenport Coal Co., coal.....	257.40
96.	F. O. Berg Co., tents, Military.....	68.25
97.	City of Moscow, water rent for April, 1912.....	33.65
98.	Lemcke & Buechner, books, Library.....	33.63
99.	General Electric Co., supplies, Electric.....	27.50
100.	G. E. Stechert & Co., books, Library.....	89.69
101.	Nott Atwater Co., supplies, Physics.....	3.30
102.	R. Hodgins, Gym supplies.....	5.00
103.	Western Electric Co., supplies, Electric.....	85.00
104.	Eugene Dietzgen Co., supplies, Civil.....	.96
105.	General Electric Co., supplies, Electrical.....	31.00
106.	Crane Co., supplies, Forestry.....	4.00
107.	Ross R. Sherfey, merchandise, Domestic Art.....	4.50
108.	Richard S. McCaffery, traveling expenses.....	21.90
109.	C. H. Shattuck, traveling expenses, Forestry.....	3.65
110.	C. A. Stewart, traveling expenses, Mining.....	18.35
111.	Hoyt Electrical Instrument Works, supplies, Electric Dept.	3.00
112.	Keuffel & Esser Co., repairing instrument Forestry Dept..	2.25
113.	L. J. Corbett, traveling expenses, Electrical.....	11.05
114.	Standard Dray Co., hauling coal.....	20.00
115.	Davenport Coal Co., coal.....	234.00
116.	Idaho-Washington Light & Power Co., meter reading....	78.01
117.	Standard Dray Co., hauling coal.....	22.00
118.	J. J. Sterner, developing pictures Eng.....	1.60
119.	General Electric Co., supplies, Electrical.....	21.84
120.	Moscow Hardware Co., merchandise.....	.75
121.	C. M. Fassett Co., Chemistry supplies.....	14.40
122.	Holley-Mason Hardware Co., supplies, Forestry.....	7.50
123.	C. M. Fassett Co., Mining supplies.....	8.00
124.	Underwood Typewriter Co., Electrical Dept.....	50.00
125.	James G. Biddle, Electric supplies.....	21.25
126.	McGraw-Hill Book Co., books, Library.....	2.55
127.	American Entomological Co., supplies, Biology.....	10.70
128.	S. L. Willis, supplies.....	7.25
129.	The Manual Arts Press, book.....	2.00
130.	C. H. Shattuck, expenses, traveling.....	1.75
131.	Francis Jenkins, Bursar, sundry labor.....	185.20

No.	Name and Service.	Amount.
132.	Francis Jenkins, Bursar, sundry expenses.....	133.62
133.	Zumhoff & Collins, supplies, Forestry.....	2.00
134.	Standard Dray Co., transfer.....	3.50
135.	Idaho-Washington Light & Power Co., meter readings....	40.08
136.	Francis Jenkins, Bursar, sundry labor.....	140.15
137.	Caroline Himebaugh, books.....	3.38
138.	Union Iron Works, pulleys.....	12.15
139.	Potlatch Lumber Co., lumber.....	7.40
140.	E. H. Sargent & Co., supplies, Chemistry.....	69.41
141.	E. H. Sargent & Co., electric hot plate, Mining.....	12.00
142.	Moscow Com. Co., wood, Mining Dept.....	2.00
143.	University of Chicago Press, book.....	5.60
144.	Washburn & Wilson, supplies, Domestic Science.....	8.55
145.	Washburn & Wilson, supplies, Domestic Science.....	1.65
146.	Francis Jenkins, Bursar, general expenses.....	46.93
147.	C. H. Shattuck, trip, Forestry.....	46.65
148.	Collins & Orland, merchandise.....	26.45
149.	Eugene Dietzgen Co., supplies, Civil.....	1.16
150.	B. F. Goodrich Co., supplies, campus.....	4.00
151.	Star-Mirror, printing.....	115.00
152.	The S. L. Clark Publishing Co., books.....	25.00
153.	American Association for Highway Improvement, books Civil	1.00
154.	A. C. McClurg & Co., books.....	5.36
155.	Charles Scribner Sons, book.....	1.50
156.	Journal of Biological Chemistry, subscription.....	4.00
157.	Moscow Hardware Co., merchandise, Electrical.....	2.00
158.	Moscow Electric Supply Co., supplies.....	6.80
159.	Davenport Coal Co., coal.....	1,296.36
160.	Francis Jenkins, Bursar, sundry labor.....	43.33
161.	Francis Jenkins, Bursar, postage and supplies.....	185.29
162.	City of Moscow, water.....	58.35
163.	City Transfer & Storage Co., hauling coal.....	56.60
164.	O-W. R. & N. Railway, freight.....	509.40
165.	Idaho-Washington Light & Power Co., meter readings....	34.60
166.	City Transfer & Storage Co., hauling coal.....	110.80
167.	Northwest School Furniture Co., fixtures, Mining.....	4.95
168.	Standard Underground Cable Co., supplies, Electric.....	14.16
169.	Washburn & Wilson, groceries, Domestic Science.....	4.90
170.	A. C. McClurg & Co., books.....	1.24
171.	A. C. McClurg & Co., books.....	1.80
172.	A. L. A. Publishing Board, books.....	1.35
173.	A. C. McClurg & Co., books.....	1.11
174.	General Electric Co., electric supplies.....	19.60
175.	A. C. McClurg & Co., books.....	.83
176.	Economical Pharmacy, stationery.....	1.15
177.	L. Shultz, Domestic Science supplies.....	1.10
178.	Idaho Society of Engineers, adv.....	6.00
179.	Westinghouse Electric & Mfg. Co., supplies.....	131.20
180.	David & Ely Co., merchandise, Domestic Art.....	.80
181.	G. E. Stechert & Co., books.....	70.02
182.	City of Moscow, water rent.....	86.75
183.	Idaho Statesman, subscription.....	7.00
184.	Francis Jenkins, Bursar, coal.....	254.71
185.	Idaho-Washington Light & Power Co., meter readings....	6.78
186.	A. C. McClurg & Co., books.....	85.28
187.	T. J. Horton, supplies, Forestry.....	9.00

No.	Name and Service.	Amount.
188.	Star-Mirror, stationery, Forestry.....	19.00
189.	Star-Mirror, bulletin, Forestry.....	47.85
190.	Star-Mirror, stationery.....	25.30
191.	Moscow Telephone & Telegraph Co., rentals.....	25.00
192.	Spokane American Engraving Co., half-tones, Eng.....	7.50
193.	J. J. Sterner, supplies engineers.....	2.45
194.	City of Moscow, water rent.....	62.20
195.	Crane Co., supplies, Laboratory.....	29.79
196.	Idaho-Washington Light & Power Co., merchandise.....	14.50
197.	Lemcke & Buechner, books.....	3.50
198.	A. C. McClurg & Co., books.....	7.84
199.	A. C. McClurg & Co., books.....	3.50
200.	Empire Hardware Co., supplies, Eng.....	2.75
201.	G. E. Stechert & Co., books.....	39.25
202.	Kewaunee Mfg. Co., Laboratory supplies, Botany.....	117.25
203.	Eugene Dietzgen Co., supplies, Civil.....	18.39
204.	Eagle Lock Co., supplies, Chemistry.....	4.15
205.	The Journal Biological Chemistry, subscription.....	4.00
206.	G. E. Stechert & Co., book.....	2.00
207.	N. Williamson, Domestic Science, groceries.....	8.10
208.	A. C. McClurg & Co., books.....	90.09
209.	G. E. Stechert & Co., book.....	1.50
210.	James G. Biddle, Physics supplies.....	36.43
211.	Buffalo Dental Mfg. Co., Chemistry Laboratory supplies..	13.20
212.	Denver Fireclay Co., Mining supplies.....	63.50
213.	Standard Oil Co., oil.....	72.48
214.	C. M. Fassett Co., Chemistry supplies.....	53.07
215.	G. E. Strechert & Co., books.....	30.94
216.	Ward's Natural Science Establishment, Geology supplies..	192.50
217.	A. L. A. Publishing Board, Library supplies.....	2.00
218.	Crane Co., Chemistry supplies.....	2.40
219.	E. H. Sargent & Co., Chemistry and Botany supplies.....	18.00
220.	Chemical Rubber Co., Chemistry supplies.....	26.45
221.	Francis Jenkins, Bursar, freight and express.....	73.08
222.	Francis Jenkins, Bursar, sundry labor.....	166.96
223-245.	Francis Jenkins, Bursar, salary roll for October, 1912..	2,850.02
246.	Idaho-Washington Light & Power Co., light and power..	22.53
247.	Jessup & Co., painting roofs.....	128.95
248.	Idaho-Washington Light & Power Co., electric supplies....	79.94
249.	L. G. Peterson, agent, insurance.....	64.00
250.	Joseph F. Whelan, agent, insurance.....	57.00
251.	Spokane-American Engraving Co., half-tone cuts.....	4.95
252.	Moscow Steam Laundry, laundry.....	6.85
253.	Herman J. Rossi, insurance.....	238.00
254.	City Transfer & Storage Co., drayage.....	28.50
255.	City Transfer & Storage Co., drayage.....	65.20
256.	George Burnham, Jr., Treasurer, annual dues.....	5.00
257.	Washington Electric Supply Co., electric supplies.....	23.11
258.	Frederick Post Co., supplies.....	2.65
259.	N. Williamson, supplies.....	36.28
260.	A. C. McClurg & Co., books.....	1.92
261.	Shaw & Borden Co., stationery.....	11.75
262.	The MacMillan Co., book.....	3.60
263.	Capital News Publishing Co., subscription two years.....	6.00
264.	Technical Book Shop, book.....	2.00
265.	Frank E. Smith, repairs on apparatus.....	17.85
266.	Ernst Hertzberg & Sons, bookbinding.....	86.67

No.	Name and Service.	Amount.
267.	Woldenberg & Schaar, chemical supplies.....	27.75
268.	Lemcke & Buechner, books.....	8.25
269.	H. M. Stephens, biology collection.....	5.07
270.	General Electric Co., electric supplies.....	29.80
271.	The Star-Mirror, stationery and supplies.....	133.55
272.	D. Van Nostrand Co., books.....	24.75
273.	Moscow Hardware Co., supplies.....	16.35
274.	The Grote-Rankin Co., supplies for Domestic Science....	28.30
275.	Gaylord Bros., Library supplies.....	6.20
276.	William Leavens & Co., supplies for shop work.....	26.85
277.	Western Biological Supply Co., lantern slides.....	9.00
278.	Moscow Electric Supply Co., supplies.....	31.35
279.	C. M. Fassett Co., Chemical supplies.....	2.80
280.	Yale & Towne Co., supplies.....	2.96
281.	E. H. Moffitt, traveling expense.....	108.85
282.	R. S. McCaffery, traveling expense.....	9.80
283.	C. A. Stewart, traveling expense.....	5.85
284.	Geo. R. Barker, traveling expense.....	14.45
285.	Jessie M. Hoover, traveling expense.....	80.35
286.	Hallard W. Foester, traveling expense.....	18.80
287.	Francis Jenkins, Bursar, money advanced for freight and express	162.46
Total		\$ 21,192.90

University Fund

No.	Name and Service.	Amount.
440.	E. V. Ellington, traveling expense.....	\$ 37.05
441.	F. D. Farrell, traveling expense.....	57.20
442.	Ensign & Ensign office rent.....	13.00
443.	Standard Furniture Co., furniture and fixtures.....	79.40
444.	E. V. Ellington, traveling expense.....	33.85
445.	F. D. Farrell, traveling expense.....	32.50
446.	Belle Geddes, November salary.....	75.00
447.	C. W. Vander Veer, November salary.....	120.00
448.	E. T. Sage, November salary.....	120.00
449.	Jean R. Wold, November salary.....	100.00
450.	J. G. Eldridge, November salary.....	183.35
451.	I. J. Cogswell, November salary.....	120.00
452.	Permeal French, November salary.....	120.00
452.	Mabel E. Price, November salary.....	45.00
454.	W. A. Simpson, November salary.....	70.00
455.	E. H. Collens, November salary.....	50.00
456.	A. W. Smith, November salary.....	90.00
457.	Nellie A. Regan, November salary.....	90.00
458.	Margaretha Von Osten, November salary.....	50.00
459.	Fay Hostetter, November salary.....	33.35
460.	Francis Jenkins, November salary.....	108.35
461.	Harold L. Axtell, November salary.....	190.00
462.	E. M. Hulme, November salary.....	200.00
463.	Belle Sweet, November salary.....	100.00
464.	Jas. A. MacLean, November salary.....	208.35
465.	John Hanson, November salary.....	65.00
466.	Ruth Brewer, November salary.....	50.00
467.	Fred Skog, November salary.....	65.00

No.	Name and Service.	Amount.
468.	C. C. Rice, November salary.....	170.00
469.	Sidney C. Bates, November salary.....	83.35
470.	J. G. Griffith, November salary.....	160.00
471.	Fred Skog, December salary.....	65.00
472.	Mabel E. Price, December salary.....	45.00
473.	J. G. Griffith, December salary.....	160.00
474.	Fay Hostetter, December salary.....	33.35
475.	Belle Sweet, December salary.....	100.00
476.	R. D. Bistline, December salary.....	45.00
477.	E. H. Collens, December salary.....	50.00
478.	E. T. Sage, December salary.....	120.00
479.	W. A. Simpson, December salary.....	70.00
480.	J. G. Eldridge, December salary.....	183.35
481.	E. J. Carey, November salary.....	50.00
482.	John Hanson, December salary.....	65.00
483.	Harold L. Axtell, December salary.....	190.00
484.	A. W. Smith, December salary.....	90.00
485.	Belle Geddes, December salary.....	75.00
486.	G. L. Morning, November salary.....	50.00
487.	Permeal French, December salary.....	120.00
488.	C. W. Vander Veer, December salary.....	120.00
489.	Francis Jenkins, December salary.....	108.35
490.	E. J. Carey, December salary.....	50.00
491.	R. D. Bistline, December salary.....	20.00
492.	Jean R. Wold, December salary.....	100.00
493.	C. C. Rice, December salary.....	170.00
494.	Ruth Brewer, December salary.....	50.00
495.	Margaretha Von Osten, December salary.....	50.00
496.	S. C. Bates, December salary.....	83.35
497.	Jas. A. MacLean, October salary.....	208.35
498.	Nellie A. Regan, December salary.....	90.00
499.	E. M. Hulme, December salary.....	200.00
500.	Idaho Post, advertising.....	3.00
501.	Rocky Mountain Bell Telephone Co., rentals.....	3.70
502.	Moscow Telephone & Telegraph Co., rentals.....	31.01
503.	Standard Dray Co., drayage.....	12.25
504.	Owl Drug Store, supplies.....	25.75
505.	Nils Peterson, plumbing.....	13.40
506.	Crane Co., plumbing supplies.....	140.02
507.	M. W. Ebel, labor.....	8.00
508.	Chemical Rubber Co., Chemical supplies.....	2.50
509.	G. & C. Merriam & Co., dictionary.....	12.00
510.	J. J. Sterner, photographs and prints.....	44.60
511.	Jones & Dillingham, window glass.....	4.40
512.	Warrant returned.....	
513.	Washington Water Power Co., rubber tubing.....	.75
514.	Moscow Hardware Co., supplies.....	30.75
515.	Eagle Lock Co., keys.....	5.57
516.	David & Ely Co., supplies.....	5.53
517.	Cambridge Botanical Supply, collections.....	9.24
518.	Jones & Dillingham, glass.....	3.25
519.	Crane Co., plumbing supplies.....	84.99
520.	N. Williamson, supplies.....	7.00
521.	The Star-Mirror, stationery and bulletins.....	144.05
522.	Thompson Bros., insurance.....	96.00
523.	F. E. Cornwall, insurance.....	49.00
524.	First Trust Co., insurance.....	38.00

No.	Name and Service.	Amount.
525.	Francis Jenkins, Bursar, cash advanced for freight, express and postage.....	126.81
526.	Francis Jenkins, Bursar, cash advanced for labor.....	20.70
527.	J. H. Frandson, traveling expenses.....	96.60
528.	Francis Jenkins, Bursar, cash advanced for labor, etc....	11.00
529.	Francis Jenkins, Bursar, cash advanced for labor.....	73.51
530.	J. H. Frandson, traveling expenses.....	68.40
531.	No voucher issued.	
532.	E. V. Ellington, traveling expenses.....	32.80
533.	Library Bureau, furniture.....	7.00
534.	F. D. Farrell, traveling expenses.....	91.90
535.	Ensign & Ensign, office rental.....	13.00
536.	I. J. Cogswell, December salary.....	120.00
537.	Zumhoff & Collins, blacksmithing.....	175.00
538.	Moscow Telephone & Telegraph Co., rentals and tolls....	.75
1.	C. W. Vander Veer, January salary.....	120.00
2.	Jean R. Wold, January salary.....	100.00
3.	R. B. Nims, December salary.....	50.00
4.	Fay Hostetter, January salary.....	33.35
5.	Permeal J. French, January salary.....	120.00
6.	Jas. A. MacLean, January salary.....	208.35
7.	Belle Geddes, January salary.....	50.00
8.	Ruth Brewer, January salary.....	50.00
9.	J. G. Eldridge, January salary.....	183.35
10.	Mabel E. Price, January salary.....	50.00
11.	E. J. Carey, January salary.....	50.00
12.	I. J. Cogswell, January salary.....	120.00
13.	E. T. Sage, January salary.....	120.00
14.	E. H. Collens, January salary.....	50.00
15.	Fred Skog, January salary.....	65.00
16.	J. G. Griffith, January salary.....	160.00
17.	R. B. Nims, January salary.....	50.00
18.	A. W. Smith, January salary.....	90.00
19.	John Hansen, January salary.....	65.00
20.	E. M. Hulme, January salary.....	200.00
21.	Belle Sweet, January salary.....	100.00
22.	Francis Jenkins, January salary.....	108.35
23.	C. C. Rice, January salary.....	170.00
24.	Sydney C. Bates, January salary.....	83.35
25.	Margaretha Von Osten, January salary.....	50.00
26.	Harold L. Axtell, January salary.....	190.00
27.	Nellie A. Regan, January salary.....	90.00
28.	R. D. Bistline, January salary.....	20.00
29.	W. A. Simpson, January salary.....	70.00
30.	Idaho Post, advertising.....	2.40
31.	Moscow Telephone & Telegraph Co., rentals and tolls....	15.94
32.	City of Moscow, water meter and installation.....	40.00
33.	G. A. Hosmer Co., floor oil.....	5.00
34.	Francis Jenkins, Bursar, cash advanced dues.....	10.00
35.	I. J. Cogswell, traveling expenses.....	72.50
36.	Frank T. Disney, insurance premium.....	66.50
37.	City of Moscow, water rentals.....	345.75
38.	R. B. Nims, February salary.....	50.00
39.	Belle Sweet, February salary.....	100.00
40.	E. J. Carey, February salary.....	50.00
41.	E. T. Sage, February salary.....	120.00

No.	Name and Service.	Amount.
42.	Harold L. Axtelle, February salary.....	190.00
43.	A. W. Smith, February salary.....	90.00
44.	Fred Skog, February salary.....	65.00
45.	E. M. Hulme, February salary.....	200.00
46.	Francis Jenkins, February salary.....	108.35
47.	C. C. Rice, February salary.....	170.00
48.	Permeal French, February salary.....	120.00
49.	Sydney C. Bates, February salary.....	83.35
50.	C. W. Vander Veer, February salary.....	120.00
51.	Jean R. Wold, February salary.....	100.00
52.	Mabel E. Price, February salary.....	50.00
53.	Ruth Brewer, February salary.....	50.00
54.	Nellie A. Regan, February salary.....	90.00
55.	Fay Hostetter, February salary.....	33.35
56.	J. G. Eldridge, February salary.....	183.35
57.	R. D. Bistline, February salary.....	20.00
58.	W. A. Simpson, February salary.....	70.00
59.	J. G. Griffith, February salary.....	160.00
60.	I. J. Cogswell, February salary.....	120.00
61.	Belle Geddes, February salary.....	50.00
62.	Margaretha Von Osten, February salary.....	50.00
63.	E. H. Collens, February salary.....	75.00
64.	John Hansen, February salary.....	65.00
65.	Not issued.	
66.	Mabel Perkins, stenographic services.....	51.00
67.	George Williams, witness fees.....	131.25
68.	F. H. Paradise, Jr., witness fees.....	63.75
69.	R. S. Loring, witness expense, Whiteway vs. Regents.....	72.50
70.	Edna Pickett, stenographic services.....	10.00
71.	George Williams, witness fees.....	74.50
72.	W. A. Samms, witness fees, Whiteway vs. Regents.....	131.25
73.	Not issued.	
74.	Not issued.	
75.	Wm. Wall, plumbing and supplies.....	16.30
76.	Not issued.	
77 to 110.	Salary roll for April, 1912.....	3,726.40
111.	City of Moscow, water rentals.....	38.95
112.	Moscow Telephone & Telegraph Co., rentals and tolls....	20.30
113.	W. R. Wilkerson, agent, insurance.....	66.50
114.	Francis Jenkins, Bursar, cash advanced for supplies.....	1.50
115.	G. H. Blair, Viola.....	16.63
116.	The Cold Storage Market, supplies.....	6.70
117.	Crane Co., plumbing supplies.....	34.22
118.	Remington Typewriter Co., carbon paper.....	28.25
119.	Washburn & Wilson, supplies.....	10.00
120.	Washburn & Wilson, supplies.....	5.25
121.	Nott-Atwater Co., leather belts.....	5.50
122.	David & Ely Co., supplies.....	1.65
123.	Owl Drug Store, office supplies.....	44.40
124.	The Simcn Piano Co., pianos.....	650.00
125.	H. P. Fishburn, traveling expenses.....	29.70
126.	E. J. Iddings, traveling expenses.....	14.80
127 to 161.	Salary roll for month of May, 1912.....	3,786.40
162.	Idaho-Washington Light & Power Co., light and power....	92.20
163.	Star-Mirror, printing.....	4.00
164.	City Transfer & Storage Co., drayage.....	7.75
165.	The Star-Mirror, printing.....	95.90

No.	Name and Service.	Amount.
166.	N. Williamson, Military supplies.....	100.00
167.	John W. Graham & Co., furniture.....	6.30
168.	Samuel W. Cole, music and charts.....	17.01
169.	John W. Graham, office supplies.....	7.65
170.	Germo Mfg. Co., floor oil.....	11.00
171.	N. Williamson, supplies.....	7.58
172.	A. C. McClurg & Co., books.....	85.08
173.	Marshall-Wells Hardware Co., keys.....	1.10
174.	C. C. Tull, traveling expenses.....	97.65
175.	Francis Jenkins, Bursar, cash advanced for freight, etc....	41.35
176.	John F. Nicholson, traveling expenses.....	49.30
177.	Francis Jenkins, Bursar, cash advanced for labor.....	223.73
178.	Francis Jenkins, traveling expenses.....	9.40
179.	John F. Nicholson, traveling expenses.....	9.00
180 to 214.	Salary roll for June, 1912.....	3,786.20
215.	Idaho Post, advertising.....	11.25
216.	Corliss McElroy, plumbing and supplies.....	8.80
217.	The DePere Tablet Co., blue books.....	62.00
218.	John W. Graham & Co., furniture and fixtures.....	98.05
219.	Ross R. Sherfey, stationery.....	3.85
220.	Lemcke & Buechner, journal.....	8.50
221.	Empire Hardware Co., supplies.....	4.25
222.	Economical Pharmacy, drug supplies.....	2.45
223.	Valvoline Oil Co., lubricating oil.....	9.00
224.	The Star-Mirror, printing.....	17.75
225.	O. M. Osborne, traveling expenses.....	12.10
226.	C. C. Tull, traveling expense.....	2.95
227.	Francis Jenkins, Bursar, cash advanced for labor, etc....	90.05
228.	Mrs. S. H. Hays, traveling expense and supplies.....	55.55
229.	City Transfer & Storage Co., drayage.....	27.25
230.	Moscow Telephone & Telegraph Co., rentals and tolls....	22.24
231.	Corliss McElroy, plumbing.....	9.10
232.	Idaho-Washington Light & Power Co., labor.....	10.40
233.	Idaho Post, printing.....	28.40
234.	The B. F. Goodrich Co., garden hose.....	50.00
235.	Baskerville Music Co., music books.....	30.56
236.	The Holden Patent Book Cover Co., envelopes.....	4.00
237.	Jones & Dillingham, glass.....	9.75
238.	Jones & Dillingham, window glass.....	50.50
239.	Spokane Seed Co., fertilizer.....	8.75
240.	William Goodbody, 6000 patent envelopes.....	31.60
241.	J. E. Mudgett & Son, supplies for interscholastic.....	1.50
242.	Crane & Co., six street washers.....	12.00
243.	Francis Jenkins, Bursar, cash advanced for labor.....	122.18
244.	E. T. Baker, traveling expense.....	10.10
245.	Ridenbaugh Hall, meals for interscholastic.....	30.80
246.	Margaret Sweet, interscholastic expense.....	8.90
247.	The Star-Mirror, printing and advertising.....	15.25
248 to 263.	Salary roll for July.....	1,608.20
264 to 270.	Salary roll for Summer School.....	983.35
271.	Zumhoff & Collins, blacksmithing.....	1.75
272.	City of Moscow, water rentals.....	32.45
273.	Francis Jenkins, Bursar, cash advanced for labor.....	192.11
274.	Charles C. Swann, supplies.....	17.30
275.	Collins & Orland Hardware Co., supplies.....	8.85
276.	Geo. R. Barker, traveling expense.....	19.25
277.	The Star-Mirror, printing.....	21.00

No.	Name and Service.	Amount.
278.	Potlatch Lumber Co., lumber.....	45.85
279.	Crane Co., pump.....	3.75
280.	The B. F. Goodrich Rubber Co., rubber matting.....	40.24
281.	D. Worth Clark, traveling expenses.....	30.80
282.	D. Worth Clark, traveling expenses.....	9.20
283.	Bushong & Co., posts for transfer binder.....	1.25
284.	Empirt Hardware Co., tools and supplies.....	11.75
285.	G. A. Hosmer & Co., floor wax.....	10.50
286.	Spokane Paper & Stationery Co., paper towels.....	54.05
287.	N. Williamson, supplies.....	6.79
288.	Spokane-American Engraving Co., cuts.....	10.35
289.	Jas. A. MacLean, traveling expenses.....	56.70
290 to 304.	Salary roll for August, 1912.....	1,628.60
305.	Moscow Telephone & Telegraph Co., rentals and tolls....	25.93
306.	Ross R. Sherfey, dry plates.....	2.20
307.	Moscow Telephone & Telegraph Co., rentals and tolls....	36.35
308.	E. M. Hulme, services for August.....	90.00
309.	McDermid Engraving Co., half-tones.....	7.50
310.	City Transfer & Storage Co., drayage.....	34.25
311.	H. J. Zeh, agent, insurance.....	33.25
312.	City Transfer & Storage Co., drayage.....	24.50
313.	Francis Jenkins, Bursar, cash for repairs.....	63.50
314.	David & Ely Co., supplies.....	20.70
315.	Wm. Goodbody, patent envelopes.....	20.56
316.	Jones & Dillingham, glass.....	22.38
317.	Crane Co., plumbing supplies.....	29.02
318.	The Star-Mirror, printing bulletin.....	62.40
319.	Permeal French, traveling expense.....	34.30
320.	City Transfer & Storage Co., drayage.....	8.25
321.	Francis Jenkins, Bursar, cash advanced for labor.....	206.32
322.	W. H. Olin, expense attending Summer School.....	32.20
323.	Francis Jenkins, Bursar, cash advanced for labor.....	65.50
324 to 354.	Salary roll for September, 1912.....	3,956.70
355.	Jessup & Co., painting smokestack.....	49.40
356.	Moscow Telephone & Telegraph Co., rentals and tolls....	30.96
357.	City Transfer & Storage Co., drayage.....	26.25
358.	The Press Publishing Co., printing catalogue.....	785.92
359.	Spokane Seed Co., supplies.....	4.50
360.	Collins & Orland Hardware Co., hardware supplies.....	14.60
361.	Standard Lumber Co., lumber and coal.....	7.05
362.	Permeal French, traveling expenses.....	207.28
363 to 371.	Salary roll for October, 1912.....	1,168.35
372.	W. M. Parrish, agent, insurance.....	60.80
373.	Geo. Creighton Co., supplies.....	41.25
374.	Nelson's Bazaar, kitchen utensils for Dormitory.....	53.00
375.	Marshall Field & Co., furnishings for Dormitory.....	101.54
376.	O. C. Carssow, supplies.....	2.60
377.	G. F. Albright, repairs.....	3.75
378.	N. Williamson, supplies and furnishings for Dormitory....	170.74
379.	Roselawn Greenhouses, greens for Campus day.....	1.40
380.	Chas. C. Swann, supplies for Summer School.....	14.40
381.	Tull & Gibbs, furnishings for Dormitory.....	31.75
382.	Marshall Field & Co., furnishings for Dormitory.....	4.16
383.	Crane Co., plumbing supplies.....	7.06
384.	Francis Jenkins, Bursar, cash advanced for labor.....	304.79
385.	Great Western Cleaner Co., sweeping compound.....	6.00
386.	Midland Chemical Co., liquid soap.....	12.50

No.	Name and Service.	Amount.
387.	John W. Graham & Co., supplies.....	2.50
388.	Hazelwood Creamery Co., supplies.....	1.60
389.	John W. Graham & Co., stationery.....	8.25
390.	Henry A. Dreer, bulbs for garden.....	4.80
391.	Mrs. S. H. Hays, traveling expense.....	52.55
392.	Marguerite Allen, traveling expense.....	49.19
393.	L. J. Corbett, traveling expense.....	5.50
Total		\$ 40,616.04

Agricultural College Fund

No.	Name and Service.	Amount.
447.	Jennie L. K. Haner, expenses incurred attending fairs with University exhibit	\$ 82.27
449.	Standard Lumber Co., lumber, shingles, etc.....	77.45
450.	G. Weber, 7 cow blankets at \$1.75; pair sweat pads at 75 cents	13.75
451.	Collins & Orland, hardware.....	1.40
452.	E. H. Sargent & Co., supplies.....	10.55
453.	The Denver Fire Clay Co., supplies.....	107.11
454.	McGowan Bros. Hardware Co., farm supplies.....	2.30
455.	W. M. Welch Mfg. Co., office supplies.....	18.60
456.	E. A. Barnard, expenses incurred at Lewiston with University exhibit	7.35
457.	Berenice S. Maynard, expenses incurred at Lewiston Fair with University exhibit.....	7.95
458.	W. R. Chersey, expenses incurred with University exhibit at Lewiston.....	19.75
459.	Union Iron Works, Mining and Metallurgy.....	19.08
460.	Gustave Kroeger, salary for June.....	45.00
461.	W. H. Lawes, December salary.....	25.00
462.	Margaret Livernash, December salary.....	25.00
463.	John Almquist, December salary.....	65.00
464.	C. R. Stillinger, December salary.....	50.00
465.	E. L. Black, November salary.....	25.00
466.	E. Garren, December salary.....	50.00
1.	Shelton Machinery Co., cans.....	60.90
2.	Library Bureau, Experiment Station, Library Dept., cabinet, etc.	139.00
3.	American Multigraph Sales Co., ribbons.....	14.00
4.	Collins & Orland, supplies.....	65.60
5.	Collins & Orland, Horticulture, Lewiston Fair account....	2.50
6.	E. H. Sargent & Co., Agricultural Chemistry.....	39.50
7.	E. H. Sargent & Co., Agricultural Chemistry.....	1.80
8.	Idaho Student Farmer, copies of Idaho Student Farmer..	50.00
9.	N. Williamson, supplies.....	18.85
10.	J. E. Mudgett & Son, Horticulture.....	3.55
11.	J. J. Sterner, Agronomy Dept.....	10.00
12.	C. R. Stillinger, January salary.....	50.00
13.	Pren Moore, January salary.....	37.50
14.	John Almquist, January salary.....	65.00
15.	W. H. Lawes, January salary.....	25.00
16.	L. C. Aicher, salary for January—Balance due from January salary, \$12.50.....	112.50

No.	Name and Service.	Amount.
17.	Margaret Livernash, January salary.....	25.00
18.	E. Garren, January salary.....	50.00
19.	J. J. Carr & Co., Chemistry Dept., repair work; Agronomy Dept., supplies.....	8.50
20.	Moscow Telephone & Telegraph Co., service.....	1.35
21.	Francis Jenkins, Bursar, advanced for labor.....	113.98
22.	John F. Nicholson, expenses incurred on account of Movable Schools of Agriculture.....	68.05
23.	L. F. Childers, traveling expenses.....	102.10
24.	J. H. Frandson, traveling expenses, Movable Schools.....	77.85
25.	E. E. Elliott, expenses incurred at Movable Schools of Agriculture, Southern Idaho.....	90.60
26.	Francis Jenkins, Bursar, advanced for labor.....	93.00
27.	E. A. Markham, January salary.....	25.00
28.	A. Douglas, team work.....	27.00
29.	R. Hodgins, supplies.....	1.30
30.	R. Hodgins, Lewiston Fair account.....	18.80
31.	Star-Mirror, 3000 letter heads.....	11.85
32.	Standard Lumber Co., supplies.....	12.40
33.	J. N. Friedman, supplies and repair work.....	7.50
34.	H. A. Scheyer, filing saws.....	2.00
35.	David & Ely Co., supplies.....	23.16
36.	C. J. Lundstrum Mfg. Co., office cases, etc.....	12.60
37.	Moscow Commission Co., feed.....	29.50
38.	E. J. Iddings, on account of Movable Schools.....	53.25
39.	W. H. Wicks, expenses.....	97.60
40.	Francis Jenkins, Bursar, advanced for express, freight, etc.	154.53
41.	Joseph L. Hills, Secretary and Treasurer Association of American Agricultural Colleges and Experiment Stations, to membership in Association for the year.....	50.00
42.	Moscow Telephone & Telegraph Co., service.....	12.44
43.	Moscow Flour Mills, oats.....	6.07
44.	Potlatch Lumber Co., Forestry Dept. supplies.....	32.68
45.	Geo. Creighton Co., Domestic Art supplies.....	10.08
46.	Moscow Commission Co., feed.....	21.85
47.	Bausch & Lomb Optical Co., Forestry Dept. supplies.....	34.60
48.	W. M. Welch Mfg. Co., rulers.....	.70
49.	Ross R. Sherfey, books and supplies.....	32.80
50.	Fairbanks-Morse Co., supplies.....	31.00
51.	J. J. Anthony, service, Farm.....	1.80
52.	Spokane Brush & Waxine Co., supplies.....	6.00
53.	Keuffel & Esser Co., Forestry Dept. supplies.....	181.52
54.	Butterfield-Elder Co., Farm supplies.....	9.45
55.	N. Williamson, supplies for Domestic Art, Farm, Janitor Dept.	17.85
56.	Pacific Coast Elevator Co., feed.....	137.02
57.	Idaho Post, Domestic Science, Cookery Bulletin.....	56.00
58.	John W. Graham & Co., Agronomy Dept. supplies.....	5.55
59.	Zumhoff & Collins, Farm supplies.....	44.35
60.	International Harvester Co., auto sparker.....	12.50
61.	W. A. Lauder, supplies.....	15.55
62.	Francis Jenkins, advanced on labor.....	166.20
63.	C. H. Shattuck, traveling expenses, Forestry Dept.....	4.70
64.	Francis Jenkins, Bursar, freight, express and repair work, advanced for.....	58.88
65.	L. C. Aicher, February salary.....	100.00
66.	Margaret Livernash, February salary.....	25.00

No.	Name and Service.	Amount.
67.	Pren Moore, February salary.....	37.50
68.	E. Garren, February salary.....	50.00
69.	John Almquist, February salary.....	65.00
70.	W. H. Lawes, February salary.....	25.00
71.	C. R. Stillinger, February salary.....	50.00
72.	E. A. Markham, February salary.....	25.00
73.	W. G. Weigle, lectures on Forestry.....	20.70
74.	Moscow Hardware Co., supplies.....	16.49
75.	J. E. Mudgett & Son, wood.....	2.67
76.	F. A. Fenn, lectures in Forestry.....	6.90
77.	Collins & Orland, hardware.....	25.35
78.	Remington Typewriter Co., one Remington typewriter....	50.00
79.	The J. B. Ford Co., Wyndotte Dairyman's Cleaner and Cleanser	8.50
80.	E. H. Sargent & Co., Agricultural Chemistry supplies....	164.80
81.	Central Scientific Co., rubber tubing.....	2.75
82.	John W. Graham & Co., manila negative preservers.....	2.25
83.	L. C. Aicher, March salary.....	100.00
84.	Margaret Livernash, March salary.....	25.00
85.	Mamie Bonebrake, February salary.....	25.00
86.	E. Garren, March salary.....	50.00
87.	W. H. Lawes, March salary.....	25.00
88.	E. A. Markham, March salary.....	25.00
89.	Hazel Frye, March salary.....	25.00
90.	Pren Moore, March salary.....	37.50
91.	Hazelwood Co., Dairy Dept. supplies.....	6.00
92.	N. Williamson, supplies.....	1.50
93.	Chris Anderson, wagon supply.....	3.00
94.	Idaho Student Farmer, copies of Idaho Student Farmer..	50.00
95.	Shelton Machinery Co., Dairy supplies.....	25.20
96.	H. A. Scheyer, Horticulture, Agronomy and Dairy supplies	24.75
97.	Francis Jenkins, Bursar, advanced for labor.....	75.50
98.	Francis Jenkins, Bursar, advanced for freight, express, etc.	29.00
99.	Miss E. L. Black, rent for Remington typewriter.....	18.00
100.	O. C. Cregg, traveling expenses.....	76.40
101.	R. Hodgins, Agronomy supplies.....	4.55
102.	R. A. Wadsworth, expense account trip to Potlatch to obtain data on cost of clearing land.....	2.85
103.	Adams Fund Experiment Station, U. of I., salaries.....	650.00
104.	Francis Jenkins, Bursar, advanced for labor.....	177.15
105.	Idaho-Washington Light & Power Co., rent for months of January, February and March at \$20.00 per month, less \$5.00 per month for January and February.....	50.00
106.	Spencer Lens Co., Forestry Dept. supplies.....	52.20
107.	Idaho-Washington Light & Power Co., light and power..	23.30
108.	C. D. Bell, woodsawing.....	13.50
109.	Collins & Orland, hardware.....	28.00
110.	Washington Blue Print Supply Co., blue prints.....	2.86
111.	Rhodes Iron Works, Dairy Dept. supplies.....	2.38
112.	Crane Co., Dairy Dept. supplies.....	17.29
113.	Moscow Electric Supply Co., Dairy supplies and Farm Mechanics supplies	31.00
114.	G. F. Albright, Dairy, Biology and Creamery supplies....	5.90
115.	Armour & Co., Dairy Dept. supplies.....	2.10
116.	H. P. Eggan, Agriculture School photos.....	5.20
117.	Potlatch Lumber Co., supplies to Farm Mechanics and College Live Stock Dept.....	29.95

No.	Name and Service.	Amount.
118.	International Harvester Co. of America, supplies.....	9.90
119.	The Grote-Rankin Co., office supplies.....	104.50
120.	Collins & Orland, supplies.....	23.85
121.	Empire Hardware Co., supplies.....	7.80
122.	Collins & Orland, Dairy supplies.....	3.85
123.	D. Hill Nursery, Forestry Dept. supplies.....	10.63
124.	Francis Jenkins, Bursar, advanced for freight, express, etc,	24.54
125.	W. L. Carlyle, April salary.....	72.90
126.	Margaret Livernash, April salary.....	37.50
127.	W. H. Lawes, April salary.....	27.50
128.	Hazel Frye, April salary.....	45.00
129.	E. Garren, April salary.....	50.00
130.	Pren Moore, April salary.....	56.25
131.	C. R. Stillinger, April salary.....	50.00
132.	E. A. Markham, April salary.....	25.00
133.	A. E. Chace, April salary.....	56.25
134.	Allen Louise Black, January salary.....	25.00
135.	G. F. Albright, supplies, storage and repair.....	21.00
136.	Spokane Seed Co., seed.....	12.18
137.	H. A. Scheyer, filing saws.....	.75
138.	Butterfield-Elder Co., Dairy, Farm and Farm Mechanics' supplies.....	20.65
139.	Arch Cunningham & Co., books.....	18.00
140.	Moscow Hardware Co., supplies.....	13.90
141.	J. J. Sterner, photos for School of Agronomy.....	2.10
142.	N. Williamson, Farm and Agronomy supplies.....	9.30
143.	Henry W. Jeffers, Animal Husbandry supplies.....	2.75
144.	Franklin Caliper Co., Forestry Dept. supplies.....	4.50
145.	L. C. Aicher, traveling expenses.....	17.80
146.	A. T. Thompson & Co., lantern shields and lenses.....	4.75
147.	C. R. Stillinger, May salary.....	50.00
148.	W. L. Carlyle, May salary.....	72.90
149.	Pren Moore, May salary.....	56.25
150.	Hazel Frye, May salary.....	45.00
151.	C. H. Shattuck, May salary.....	200.00
152.	John F. Nicholson, May salary.....	75.00
153.	A. E. Chace, May salary.....	56.25
154.	E. A. Markham, May salary.....	25.00
155.	Margaret Livernash, May salary.....	37.50
156.	Moscow Telephone & Telegraph Co., service.....	14.11
157.	Idaho-Washington Light & Power Co., rent for April....	20.00
158.	Idaho-Washington Light & Power Co., rent for March and April	16.26
159.	Moscow Electric Supply Co., Agronomy and Farm Mechanics supplies	5.70
160.	Idaho Student Farmer, copies of Idaho Student Farmer..	50.00
161.	De Laval Dairy Supply Co., Dairy Dept. supplies.....	10.13
162.	Bushong & Co., School of Agriculture supplies.....	5.25
163.	E. H. Sargent & Co., Bacteriology supplies.....	5.89
164.	Shelton Machinery Co., Dairy Dept. supplies.....	48.30
165.	O. C. Vroman, labor and supplies.....	22.00
166.	Star-Mirror, Forestry Dept., Horticulture and Agriculture, publicity, stationery, etc.....	34.85
167.	Collins & Orland, Farm and Horticulture Dept. supplies..	25.90
168.	Empire Hardware Co., Horticultural Dept. supplies.....	5.00
169.	John Deere Plow Co., farm machinery.....	.34
170.	The Idaho Post, sheets stock.....	2.00

No.	Name and Service.	Amount.
171.	International Harvester Co. of America, farm supplies....	.76
172.	Francis Jenkins, Bursar, advanced for express, freight, etc.	52.83
173.	Francis Jenkins, Bursar, advanced for labor.....	144.20
174.	Francis Jenkins, Bursar, advanced for labor.....	91.85
175.	E. J. Iddings, expenses incurred on High School visitation	19.40
177.	E. E. Garren, salary for month of May.....	50.00
178.	Collins & Orland, supplies for Farm and Forestry Dept....	1.85
179.	DeLaval Dairy Supply Co., Dairy Dept. supplies.....	25.98
180.	DeLaval Dairy Supply Co., Dairy Dept. supplies.....	12.25
181.	Butterfield-Elder Co., Farm supplies and machinery repairs	2.25
182.	Wilson Memindex Co., Dairy Dept. supplies.....	1.45
183.	Continental Oil Co., Dairy gasoline.....	.75
184.	E. H. Sargent & Co., Horticulture Dept. supplies.....	6.35
185.	Star-Mirror, Agriculture supplies.....	22.00
186.	Forbes Dry Plate Co., expense.....	1.98
187.	Inland Electric supply Co., installing lights at Fair.....	9.19
188.	Shelton Machinery Co., Dairy supplies.....	24.00
189.	Spokane Seed Co., seed.....	70.00
190.	The Eli Lilly & Co., Agriculture Chemistry supplies.....	3.00
191.	E. J. Iddings, visitation at Genesee High School, expenses	4.50
192.	Francis Jenkins, Bursar, advanced for labor, etc., Forestry, Agriculture	74.80
193.	W. L. Carlyle, part of June salary.....	72.90
194.	Pren Moore, part of June salary.....	56.25
195.	E. Garren, June salary.....	50.00
196.	E. A. Markham, part of June salary.....	25.00
197.	A. E. Chace, part of June salary.....	56.25
198.	Hazel Frye, June salary.....	45.00
199.	W. H. Lawes, part of June salary.....	27.50
200.	Margaret Livernash, June salary.....	37.50
201.	C. R. Stillinger, June salary.....	50.00
202.	City of Moscow, rental for May, Agriculture Bldg.....	25.65
203.	Idaho-Washington Light & Power Co., light and power....	17.08
204.	Idaho-Washington Light & Power Co., to rent of old sub- station for May.....	20.00
205.	Zumhof & Collins, Farm supplies.....	47.75
206.	Geo. C. Evers, Dairy Dept. supplies.....	7.25
207.	J. N. Friedman, College Farm supplies.....	11.45
208.	R. Hodgins, Farm, Bacteriology, Forestry, Dairy supplies..	39.60
209.	Moscow Hardware Co., Farm supplies.....	20.45
210.	D. Appleton & Co., American Year Book.....	3.50
211.	Francis Jenkins, Bursar, advanced for labor.....	240.20
212.	Francis Jenkins, Bursar, freight, postage, etc., advanced..	20.00
213.	W. E. Elliot, expenses attending Commencement exercises	43.75
214.	Margaret Livernash, part of July salary.....	37.50
215.	C. R. Stillinger, July salary.....	50.00
216.	Pren Moore, part of July salary.....	56.25
217.	Hazel Frye, July salary.....	45.00
218.	W. H. Lawes, part of July salary.....	27.50
219.	E. E. Garren, July salary.....	50.00
220.	W. L. Carlyle, part of July salary.....	72.90
221.	Moscow Telephone & Telegraph Co., 'phone service.....	.60
222.	Moscow Steam Laundry, towels and student laundry for Dairy Dept.	10.35
223.	Moscow Steam Laundry, Morrill Hall, account laundry..	1.00
224.	E. I. Dupont DeNemours Powder Co., Forestry Dept. supplies	10.35

No.	Name and Service.	Amount
225.	Crane Co., Agriculture, Chemistry supplies.....	.33
226.	Shelton Machinery Co., Dairy supplies.....	15.55
227.	Collins & Orland Hardware Co., Farm, Forestry and Horticulture supplies.....	33.15
228.	Empire Hardware Co., Farm and Forestry supplies.....	16.75
229.	Corliss McElroy, Farm supplies.....	3.50
230.	Moscow Hardware Co., Farm supplies.....	8.37
231.	H. Channon Co., Farm supplies.....	5.14
232.	David & Ely Co., Dairy supplies.....	3.10
233.	R. Hodgins, supplies.....	10.40
234.	Idaho Student Farmer, Idaho Student Farmer copies.....	50.00
235.	Francis Jenkins, Bursar, advanced for labor.....	98.65
236.	W. L. Carlyle, traveling expenses and supplies.....	7.00
237.	W. L. Carlyle, traveling expenses and supplies.....	7.00
238.	E. A. Markham, part of July salary.....	25.00
239.	City of Moscow, water rent.....	41.00
240.	F. L. Kennard, July salary.....	33.35
241.	A. E. Chace, part of July salary.....	56.25
242.	Moscow Telephone & Telegraph Co., telephone rent.....	1.00
243.	The Star-Mirror, supplies.....	17.70
244.	Moscow Electric Supply Co., supplies.....	1.40
245.	H. A. Scheyer, filing saws.....	2.10
246.	N. Williamson, oil.....	3.00
247.	Holley-Mason Hardware Co., supplies.....	7.14
248.	Butterfield-Elder Implement Co., Ltd., Horticulture supplies.....	10.83
249.	DeLaval Dairy Supply Co., supplies.....	288.00
250.	J. J. Sterner, supplies.....	1.50
251.	The MacMillin Co., supplies.....	3.60
252.	Francis Jenkins, Bursar, advanced for labor.....	77.50
253.	Francis Jenkins, Bursar, advanced for freight, etc.....	14.14
255.	Hazel Frye, August salary.....	45.00
254.	Not issued.	
256.	W. L. Carlyle, part of August salary.....	72.90
257.	Pren Moore, part of August salary.....	56.25
258.	W. H. Lawes, part of August salary.....	27.50
259.	F. L. Kennard, part of August salary.....	33.35
260.	E. E. Garren, August salary.....	50.00
261.	C. R. Stillinger, August salary.....	50.00
262.	Rhoda Hobson, part of August salary.....	25.00
263.	Idaho-Washington Light & Power Co., rent for sub-station, July.....	20.00
264.	Standard Dray Co., drayage.....	.50
265.	Butterfield-Elder Implement Co., supplies.....	2.00
266.	Collins & Orland, supplies.....	30.00
267.	Economical Pharmacy, supplies.....	1.90
268.	Economical Pharmacy, supplies.....	1.00
269.	Collins & Orland Hardware Co., supplies.....	3.70
270.	Moscow Hardware Co., Farm supplies.....	4.50
271.	Ross R. Sherfey, Forestry, (Director and Horticulture supplies.....	109.90
272.	D. L. Hill Nursery Co., supplies.....	21.25
273.	Francis Jenkins, Bursar, advanced for freight, express, postage, etc.	18.42
274.	Francis Jenkins, Bursar, advanced labor.....	281.90
275.	A. E. Chace, part of August salary.....	56.25
276.	E. A. Markham, part of August salary.....	25.00

No.	Name and Service.	Amount.
277.	Gem State Rural Publishing Co., advertising.....	25.00
278.	City of Moscow, water rent for June and July.....	33.75
279.	G. F. Albright, repair work.....	.60
280.	The Star-Mirror, bulletins.....	11.00
281.	H. J. Smith, services.....	5.20
282.	H. A. Scheyer, services.....	5.00
283.	Star-Mirror, cuts, half-tones, etc.....	5.90
284.	Moscow Hardware Co., supplies.....	5.75
285.	Continental Oil Co., supplies.....	10.26
286.	Grote-Rankin Co., supplies.....	54.75
287.	E. H. Sargent & Co., supplies.....	44.62
288.	Moscow Flour Mills, feed.....	39.72
289.	Collins & Orland, supplies.....	2.50
290.	Collins & Orland, supplies.....	6.70
291.	C. M. Fassett Co., supplies.....	6.00
292 to 301.	October salaries.....	510.05
302.	Chris Anderson, service and supplies.....	22.20
303.	Idaho-Washington Light and Power Co., light and power August and September.....	28.52
304.	Moscow Telephone & Telegraph Co., service for August and September.....	4.90
305.	The Idaho-Washington Light & Power Co., rent for old sub-station, September.....	20.00
306.	E. A. Markham, September salary.....	25.00
307.	E. Garren, September salary.....	50.00
308.	E. J. Iddings, part of September salary.....	41.65
309.	Hazel Frye, September salary.....	60.00
310.	A. E. Chace, part of September salary.....	50.00
311.	W. H. Lawes, part of September salary.....	25.00
312.	W. L. Carlyle, part of September salary.....	145.85
313.	Pren Moore, part of September salary.....	50.00
314.	G. E. Frevert, part of September salary.....	20.85
315.	City of Moscow, water rent for July and August.....	27.25
316.	John Deere Plow Co., supplies.....	.60
317.	Crane Co., supplies.....	20.61
318.	John W. Graham & Co., supplies.....	15.61
319.	Star-Mirror, printing.....	12.00
320.	John W. Graham Co., supplies.....	10.18
321.	International Harvester Co. of America, supplies.....	6.85
322.	H. P. Eggan, enlargements of photos.....	19.00
323.	Continental Oil Co., oil.....	10.26
324.	Washington Brick, Lime & Sewer Pipe Co., supplies.....	27.18
325.	The Star-Mirror, bulletin.....	25.00
326.	Pacific Oil Mills, supplies.....	233.40
327.	The Star-Mirror, bulletin.....	36.00
328.	Iler & Co., Willow Springs Distillery Co., supplies.....	14.65
329.	Henry Diston & Sons, Inc., supplies.....	9.05
330.	Crane Co., supplies.....	33.23
331.	McGowan Bros. Hardware Co., supplies.....	2.69
332.	David & Ely Co., supplies for Dairy.....	2.40
333.	Moscow Commission Co., feed.....	5.95
334.	The Star-Mirror, bulletin sheets.....	11.00
335.	Potlatch Lumber Co., lumber.....	4.40
336.	G. W. Smith, threshing.....	143.37
337.	E. J. Iddings, expenses trip to Idaho Falls and Blackfoot for purpose of judging at Fairs.....	67.25
338.	Francis Jenkins, Bursar, advanced for freight and express	48.74

No.	Name and Service.	Amount.
339.	Francis Jenkins, Bursar, advanced for labor.....	99.80
340.	H. A. Scheyer, supplies.....	6.00
341.	Francis Jenkins, Bursar, advanced for labor.....	181.70
342.	Moscow Telephone & Telegraph Co., service.....	2.38
343.	Francis Jenkins, Bursar, advanced for freight, express, etc.	23.35
344.	O. M. Osborne, part of September salary.....	25.00
345.	Geo. Creighton, supplies.....	3.75
346.	Moscow Telephone & Telegraph Co., rentals for October and September.....	30.44
347.	City of Moscow, water rent for August and September....	7.35
348.	J. W. Greenwood, baling straw, June.....	75.15
349.	Idaho-Washington Light & Power Co., rent for sub-station	20.00
350.	The Idaho-Washington Light & Power Co., to rent of sub- station for August.....	20.00
351.	The Idaho-Washington Light & Power Co., power and light for July and August.....	32.32
352.	Idaho-Washington Light & Power Co., power and light for June and July.....	44.31
353.	Idaho-Washington Light & Power Co., light and power for June and May.....	35.27
354.	Butterfield-Elder Co., supplies.....	6.50
355.	Butterfield-Elder Implement Co., supplies.....	7.76
356.	Butterfield-Elder Implement Co., supplies.....	1.40
357.	Spencer Lens Co., supplies.....	30.57
358.	Southern Cotton Oil Co., supplies.....	10.00
359.	E. H. Sargent & Co., supplies.....	3.85
360.	Moscow Electric Supply Co., supplies.....	3.65
361.	Collins & Orland, supplies.....	23.60
362.	Crane Co., supplies.....	70.25
363.	The Idaho Post., bulletins, etc.....	219.80
364.	Francis Jenkins, Bursar, advanced for labor.....	167.78
365.	Jno. F. Nicholson, expenses incurred on account of giving lecture at Kooskia Fair, and on account of exhibiting Uni- versity display at the Lewiston-Clarkston Fair.....	44.60
366.	Mrs. S. G. Humphrey, boarding balers.....	11.25
367.	W. H. Wicks, expenses incurred on trip to Lewiston.....	5.45
368.	Clyde H. Heard, expenses on account of fair at Spokane and fair at Lewiston.....	47.35
369.	W. Clifford Edmundson, expenses incurred on trip to Lew- iston and wages.....	40.95
370.	E. J. Iddings, expenses on account of live stock exhibit at Interstate fair, and on account of attendance at Lewiston- Clarkston fair.....	17.75
371.	Karl J. Theige, expense account incident to Spokane Inter- state fair.....	51.80
372.	O. M. Osborne, expense account of O. M. Osborne, in charge of exhibits at fairs.....	150.00
373.	Prof. O. M. Osborne, departmental supplies.....	6.55
374.	H. Melgard, agent for Sun Insurance Co., insurance.....	288.00
375 to 386.	November salaries.....	585.04
387.	The Idaho-Washington Light & Power Co., to rent of old sub-station for month of October.....	20.00
288.	J. J. Anthony, material and service.....	2.65
389.	Idaho-Washington Light & Power Co., light and power for months of September and October.....	32.59
390.	Mrs. Julia A. Moore, rent for land.....	230.00
391.	Francis Jenkins, Bursar, advanced for labor.....	226.05

No.	Name and Service.	Amount.
392.	David & Ely Co., supplies.....	2.35
393.	N. Williamson, supplies.....	5.00
394.	Davenport Coal Co., coal.....	605.49
395.	N. Williamson, supplies.....	.50
396.	O. E. Ames, supplies.....	4.00
397.	Empire Hardware Co., supplies.....	3.75
398.	Moscow Hardware Co., supplies.....	146.41
399.	R. W. Safford, supplies.....	10.05
400.	Spencer Lens Co., supplies.....	5.40
401.	W. M. Porter, grade draft gelding.....	195.00
402.	Interstate Construction Co., flooring.....	12.26
403.	Francis Jenkins, Bursar, advanced for express, freight, etc.	50.62
404.	Moscow Telephone & Telegraph Co., service.....	26.97
405.	City of Moscow, water rent for October.....	2.00
406.	City Transfer & Storage Co., team work.....	2.75
407.	Ray Layman, supplies.....	.75
408.	Maher & Grosh Cutlery Co., supplies.....	59.75
409.	Economical Pharmacy, supplies.....	2.00
410.	W. A. Lauder, supplies.....	327.35
411.	W. A. Lauder, supplies.....	21.40
412.	Rhodes Machine Works, supplies and service.....	21.95
413.	H. A. Scheyer, supplies.....	8.50
414.	Holly-Mason Hardware Co., supplies.....	31.40
415.	Bausch & Lomb Optical Co., supplies.....	47.91
416.	Bausch & Lomb Optical Co., supplies.....	2.25
417.	Crane Co., supplies.....	4.89
418.	Longmans, Green & Co., supplies.....	.70
419.	Jones & Dillingham, supplies.....	57.73
420.	J. N. Friedman, supplies and repair work.....	39.35
421.	Holly-Mason & Co., supplies.....	519.22
422.	C. M. Fassett Co., supplies.....	42.90
423.	Potlatch Lumber Co., supplies.....	4.65
424.	Pacific Coast Elevator Co., supplies.....	65.14
425.	E. H. Sargent & Co., supplies.....	94.07
426.	Continental Oil Co., gasoline.....	10.26
427.	G. F. Albright, supplies.....	3.75
428.	Hughes & Co., supplies.....	34.55
429.	Jno. W. Graham & Co., supplies.....	4.68
430.	Grote-Rankin Co., supplies.....	116.25
431.	Kendrick Warehouse & Milling Co., Ltd., supplies.....	132.00
432.	O-W. R. & N. Railway, freight.....	255.50
433.	Holley-Mason Hardware Co., supplies.....	12.37
434.	King Bros., threshing.....	5.50
435.	Idaho-Washington Light & Power Co., November and October power and light.....	57.14
436.	Bausch & Lomb Optical Co., repair work.....	1.25
437.	David & Ely, supplies.....	9.00
438.	Holley-Mason Hardware Co., supplies.....	4.37
439.	Jones & Dillingham, supplies.....	5.35
440.	Hughes & Co., supplies.....	2.45
441.	The Owl Drug Store, supplies.....	20.30
442.	R. Hodgins, supplies.....	10.00
443.	Orange Judd Co., supplies.....	2.18
444.	Corner Drug Store, supplies.....	35.51
445.	Corner Drug Store, supplies.....	6.05
446.	Wm. Hunter, supplies.....	91.00
447.	J. E. Mudgett & Son, supplies.....	1.15

No.	Name and Service.	Amount.
448.	Wm. Hunter, supplies.....	39.00
449.	Keuffel & Esser Co., supplies.....	10.38
450.	W. H. Wicks, expenses incurred in trip to Spokane to attend the Apple Show with class in Horticulture.....	15.95
451.	Francis Jenkins, Bursar, advanced for labor, etc.....	145.20
452.	Francis Jenkins, Bursar, advanced for freight, etc.....	188.98
453.	Francis Jenkins, Bursar, advanced for labor.....	753.56
454 to 463.	December salaries.....	547.52
464.	Cutter & Malmgren, professional services.....	50.00
465.	City of Moscow, Keystone meter for University Farm....	60.00
466.	City of Moscow, water rent for October and November...	14.70
467.	Standard Dray Co., services.....	8.75
468.	Ross R. Sherfey, supplies.....	12.60
469.	Inland Electric Co., supplies.....	9.40
470.	Crane & Co., supplies.....	20.66
471.	Jno. W. Graham & Co., supplies.....	2.29
472.	Jones & Dillingham, supplies.....	71.25
473.	H. A. Scheyer, supplies.....	2.25
474.	Crane & Co., supplies.....	27.54
475.	Crane & Co., supplies.....	25.71
476.	International Harvester Co., supplies and repair.....	134.75
477.	Idaho Post, printing.....	11.00
478.	Jno. W. Graham & Co., supplies.....	.45
479.	O. E. Bell, machine supplies.....	.75
480.	Economical Pharmacy, supplies.....	54.16
481.	E. H. Sargent & Co., supplies.....	99.09
482.	W. & L. E. Gurley, supplies.....	14.00
483.	Corliss McElroy, supplies.....	3.50
484.	Keuffel & Esser Co., supplies.....	5.10
485.	Wagner Glass Works, supplies.....	44.50
486.	C. H. Sutton, supplies.....	2.00
487.	The Star-Mirror, bulletins.....	11.00
488.	Empire Hardware Co., supplies.....	8.20
489.	Ernst Hertzberg & Sons, books.....	13.22
490.	Moscow Hardware Co., supplies.....	8.28
491.	N. Williamson, supplies.....	10.10
492.	Empire Hardware Co., supplies.....	46.00
493.	Collins & Orland Hardware Co., supplies.....	19.55
494.	Continental Oil Co., gasoline.....	20.26
495.	Moscow Hardware Co., supplies.....	112.84
496.	Central Scientific Co., supplies.....	5.17
497.	Crane Co., supplies.....	81.73
498.	John Skinner, book and express.....	5.80
499 to 507.	January salaries to W. L. Carlyle, Hazel Frye, E. J. Iddings, E. Garren, O. M. Osborne, E. W. Hamilton,	499.52
508.	Idaho-Washington Light & Power Co., to rent for old sub-station for month of November.....	20.00
509.	Idaho-Washington Light & Power Co., labor and supplies.	19.72
510.	Idaho Country Life, subscriptions, complimentary, to studentsof high schools.....	100.00
511.	Francis Jenkins, Bursar, cash advanced for labor.....	419.63
512.	W. A. Lauder, supplies.....	11.00
513.	C. M. Fassett Co., Chemical supplies.....	23.90
514.	David & Ely Co., supplies.....	75.00
515.	Shelton Machinery Co., machinery for Dairy Dept.....	30.35
516.	Library Bureau, stationery and supplies.....	39.47

No.	Name and Service.	Amount.
517.	Corliss McElroy, plumbing and supplies.....	49.79
518.	Moscow Electric Supply Co., dry cells.....	3.50
519.	Collins & Orland Hardware Co., hardware supplies.....	45.50
520.	DeLaval Dairy Supply Co., butter wrappers.....	22.00
521.	Moscow Electric Supply Co., batteries.....	2.10
522.	John W. Graham & Co., supplies.....	3.00
523.	R. Hodgins, supplies.....	.95
524.	Francis Jenkins, Bursar, cash advanced for frt. and exp...	69.49
525.	Hughes & Co., cement tray and trap.....	24.00
526.	Jones & Dillingham, paint.....	5.40
527.	Moscow Electric Supply Co., electric supplies.....	174.77
528.	Collins & Orland Hardware Co., hardware supplies.....	2.25
529.	The Idaho Post, printing.....	17.00
530.	Moscow Electric Supply Co., batteries.....	2.80
531.	Potlatch Lumber Co., lumber.....	75.95
532.	Not issued.	
533.	Not issued.	
534 to 542.	Salary roll for February, 1912.....	495.52
543.	Francis Jenkins, Bursar, cash advanced for labor.....	78.40
544.	Idaho-Washington Light & Power Co., light and power....	67.36
545.	Francis Jenkins, Bursar, cash advanced for labor.....	63.95
546.	Chicago Steel Tape Co., surveying apparatus.....	22.40
547.	Sharp & Smith, veterinary instruments.....	72.15
548.	John W. Graham & Co., office supplies.....	4.40
549.	John W. Graham & Co., filing cabinets.....	49.87
550.	Collins & Orland Hardware Co., hardware supplies.....	5.75
551.	G. E. Frevert, traveling expenses.....	63.55
552.	Francis Jenkins, Bursar, freight and express.....	34.76
553.	City of Moscow, water rental.....	7.20
554.	Idaho-Washington Light & Power Co., rent of building....	10.00
555.	Moscow Telephone & Telegraph Co., rentals.....	42.86
556.	Moscow Telephone & Telegraph Co., rentals.....	4.75
557.	David & Ely Co., supplies.....	7.83
558.	O. C. Carssow, coal oil.....	1.30
559.	Louden Machinery Co., furnishings for new barn.....	670.75
560.	H. A. Scheyer, carpenter work.....	3.60
561.	Idaho National Harvester Co., blacksmith coal.....	77.00
562.	Moscow Hardware Co., hardware supplies.....	10.30
563.	R. Hodgins, stationery and office supplies.....	14.25
564.	Potlatch Lumber Co., lumber.....	78.20
565.	Economical Pharmacy, sulphur and sponge.....	1.85
566.	G. F. Albright, repairs.....	.95
567.	Empire Hardware Co., supplies.....	13.10
568.	John W. Graham & Co., dry plates and stationery.....	2.20
569.	John Wiley & Son, books.....	4.34
570.	F. L. Kennard, traveling expense.....	8.40
571 to 582.	Salary roll for March, 1912.....	567.52
583.	Standard Dray Co., drayage.....	21.25
584.	City of Moscow, water rentals.....	7.50
585.	Idaho-Washington Light & Power Co., light and power..	63.54
586.	Idaho-Washington Light & Power Co., rent of building....	20.00
587.	Mrs. E. J. Iddings, services and traveling expense.....	91.40
588.	Butterfield & Elder Implement Co., machinery.....	11.25
589.	Collins & Orland Hardware Co., supplies.....	31.95
590.	W. & L. E. Gurley, surveying apparatus.....	110.00
591.	Eugene Dietzgen Co., apparatus.....	116.20
592.	Central Scientific Co., apparatus.....	2.50

No.	Name and Service.	Amount.
593.	Moscow Hardware Co., supplies.....	2.75
594.	McGowan Bros. Hardware Co., tools and implements.....	91.99
595.	The Grote-Rankin Co., chairs.....	36.00
596.	The Star-Mirror, printing.....	18.00
597.	Crane Co., plumbing supplies.....	4.04
598.	W. A. Lauder, hay, cement, gravel and lime.....	17.15
599.	Davenport Coal Co., coal.....	286.65
600.	Francis Jenkins, Bursar, freight and express.....	24.16
601.	G. E. Frevert, traveling expenses.....	9.85
602.	Francis Jenkins, Bursar, advances for labor.....	226.69
603.	C. M. Fassett Co., sulphuric acid.....	12.12
604.	The Idaho Post, printing.....	20.00
605.	Moscow Hardware Co., supplies.....	14.16
606.	DeLaval Dairy Supply Co., Dairy supplies.....	2.78
607.	The J. B. Ford Co., supplies.....	8.50
608.	David & Ely Co., brooms and toweling.....	4.20
609.	Spokane Paint & Oil Co., furniture and fixtures.....	350.00
610.	C. H. Shattuck, traveling expenses.....	57.65
611.	L. F. Childers, traveling expenses.....	60.60
612 to 622.	Salary roll for April.....	524.18
623.	The Idaho Post, printing.....	11.00
624.	City of Moscow, water rental.....	9.45
625.	The Star-Mirror, printing.....	10.00
626.	Idaho-Washington Light & Power Co., rent of building....	20.00
627.	Idaho-Washington Light & Power Co., light and power....	40.88
628.	City of Moscow, water rental.....	26.45
629.	Standard Dray Co., drayage.....	7.95
630.	Spokane Seed Co., grass seed.....	6.69
631.	David & Ely, dry goods.....	3.00
632.	Continental Oil Co., gasoline.....	9.72
633.	A. C. McClurg & Co., books.....	2.55
634.	Ernest Leitz, scientific apparatus.....	231.23
635.	Remington Typewriter Co., carbon paper.....	13.75
636.	E. H. Sargent & Co., Chemical supplies.....	22.35
637.	John W. Graham & Co., photographic paper.....	4.80
638.	Moscow Hardware Co., hardware supplies.....	2.15
639.	General Electric Co., electric supplies.....	155.03
640.	Austin McCain Co., electric motor.....	47.00
641.	J. N. Friedman, harness supplies.....	14.00
642.	Washburn & Wilson, kerosene.....	1.40
643.	American Forestry Co., seeds.....	20.75
644.	Davenport Coal Co., coal.....	46.80
645.	Standard Oil Co., gasoline.....	31.00
646.	Spokane Paint & Oil Co., furniture.....	160.00
647.	Potlatch Lumber Co., lumber.....	14.75
648.	Francis Jenkins, Bursar, advances for labor.....	268.94
649.	W. L. Carlyle, traveling expenses.....	61.95
650.	Francis Jenkins, Bursar, freight and express.....	38.88
651 to 660.	Salary roll for May, 1912.....	490.83
661.	Idaho-Washington Light & Power Co., light and power....	36.37
662.	The Star-Mirror, printing.....	4.00
663.	S. R. H. McGowan, insurance.....	128.96
664.	Idaho-Washington Light & Power Co., rent of building....	20.00
665.	Dr. Geo. M. Sternberg, annual dues.....	5.00
666.	Pacific Coast Elevator Co., storage on wheat.....	3.93
667.	G. A. Rubedew, insurance.....	128.96
668.	G. Cramer Dry Plate Co., dry plates and supplies.....	50.00

No.	Name and Service.	Amount.
669.	A. A. Krafe, trustee, curry combe.....	1.00
670.	A. S. Lyon, feeding stuff.....	38.42
671.	Moscow Hardware Co., hardware supplies.....	26.48
672.	Mark Means, grass seed.....	90.75
673.	The Idaho Country Life, subscriptions.....	100.00
674.	Veterinary Medicine, subscription.....	1.00
675.	Spokane Seed Co., hydrometers.....	3.00
676.	N. Williamson, supplies.....	1.70
677.	American Medical Association, subscription.....	5.00
678.	Moscow Hardware Co., hardware supplies.....	6.85
679.	H. P. Eggan, photos.....	3.90
680.	Moscow Flour Mills, feeding stuffs.....	242.03
681.	Jno. W. Graham & Co., photo matts.....	7.12
682.	The Northwest Medicine Co., subscription.....	2.00
683.	American Veterinary Review, subscription.....	3.00
684.	W. G. Barge, insurance.....	59.85
685.	W. G. Barge, insurance.....	10.64
686.	Francis Jenkins, Bursar, advances for labor.....	223.20
687.	Francis Jenkins, Bursar, advances for freight and express	63.47
688.	City of Moscow, water rentals.....	30.15
689.	Ross R. Sherfey, photo postals.....	1.50
690.	Sharp & Smith, scientific apparatus.....	.41
691.	David & Ely Co., towelng.....	2.50
692.	The Empire Hardware Co., hardware supplies.....	25.46
693.	The Economical Pharmacy, sulphur.....	2.50
694 to 702.	Salary roll for June, 1912.....	309.98
703.	Davenport Coal Co., coal.....	64.35
704.	C. D. Bell, woodsawing.....	26.35
705.	Standard Dray Co., drayage.....	5.00
706.	Idaho-Washington Light & Power Co., rent of building....	20.00
707.	Standard Dray Co., drayage.....	5.50
708.	Chris Anderson, repairs on machinery.....	4.35
709.	Mark P. Miller Milling Co., feeding stuffs.....	200.52
710.	G. A. Alward, Chemical supplies.....	5.00
711.	Moscow Hardware Co., hardware supplies.....	3.80
712.	Holley-Mason Hardware Co., rubber hose.....	7.50
713.	General Electric Co., electric motor.....	46.96
714.	David & Ely Co., bedding.....	18.00
715.	A. T. Thompson & Co., condenser.....	3.28
716.	Francis Jenkins, Bursar, freight and express.....	12.08
717.	Francis Jenkins, advances for labor.....	213.00
718.	E. J. Iddings, traveling expenses.....	7.15
719.	I. W. Cook, traveling expenses.....	2.65
720.	C. Starring, traveling expenses.....	12.30
721 to 733.	Salary roll for July, 1912.....	522.45
734.	C. E. Curtis, weather stripping.....	28.80
735.	Idaho-Washington Light & Power Co., rent of building....	20.00
736.	Idaho-Washington Light & Power Co., light and power....	20.80
737.	Idaho Country Life, half-tones and postage.....	10.30
738.	Geo. Creighton Co., canvas.....	5.25
739.	E. H. Sargent & Co., Chemical supplies and apparatus....	69.42
740.	Potlatch Lumber Co., lumber.....	16.50
741.	Collins & Orland Hardware Co., hardware supplies.....	13.30
742.	John W. Graham & Co., furniture.....	14.00
743.	Spokane-American Engraving Co., cuts.....	26.75
744.	Corner Drug Store, supplies.....	3.70
745.	Moscow Hardware Co., rubber hose.....	12.00

No.	Name and Service.	Amount.
746.	Spokane Paper & Stationery Co., paper towels.....	13.95
747.	Marshall Wells Hardware Co., rope.....	17.52
748.	G. A. Hosmer & Co., floor wax.....	7.00
749.	Lee McClung, Treasurer, American Association for Highway Improvement book.....	1.00
750.	Pfanstiehl Electrical Laboratory, coils.....	5.00
751.	Moscow Hardware Co., blank keys.....	8.70
752 to 765.	Salary roll for August.....	548.70
766.	City of Moscow, water rentals.....	31.15
767.	Moscow Telephone & Telegraph Co., rentals and tolls....	33.61
768.	Francis Jenkins, Bursar, cash advanced for express and postage	165.22
769.	Davenport Coal Co., coal.....	324.09
770.	Star-Mirror, bulletins and stationery.....	264.85
771.	Francis Jenkins, Bursar, cash advanced for labor.....	620.99
772.	W. L. Carlyle, traveling expenses.....	75.65
773.	Francis Jenkins, Bursar, cash advanced for freight.....	14.36
774.	City Transfer & Storage Co., drayage.....	27.70
775.	Moscow Telephone & Telegraph Co., rentals and tolls....	2.65
776.	City Transfer & Storage Co., drayage.....	14.15
777.	City of Moscow, water rentals.....	17.90
778.	A. G. Herald, carpenter work.....	50.00
779.	C. H. Kincaid, stallion service.....	20.00
780.	Idaho-Washington Light & Power Co., electric light.....	16.25
781.	O-W. R. & N. Ry. Co., freight on coal.....	127.35
782.	Star-Mirror, stationery.....	36.50
783.	J. N. Friedman, supplies.....	5.50
784.	J. J. Sterner, photograph prints.....	.50
785.	E. R. Dewey, sand.....	10.02
786.	Idaho-Washington Light & Power Co., rent of building....	20.00
787.	David & Ely Co., supplies.....	10.75
788.	Idaho-Washington Light & Power Co., light and power....	21.62
789.	Francis Jenkins, Bursar, cash advanced for labor.....	45.00
790.	J. A. Hughes, traveling expenses.....	9.35
791 to 802.	Salary roll for September, 1912.....	504.95
803.	A. G. Herald, carpenter work.....	53.70
804.	J. J. Sterner, photographic work.....	4.50
805.	Moscow Telephone & Telegraph Co., rentals and tolls....	5.91
806.	Star-Mirror, stationery.....	1.65
807.	The Economical Pharmacy, supplies.....	1.50
808.	Empire Hardware Co., supplies.....	60.00
809.	Garden City Milling Co., feed.....	145.75
810.	Geo. Creighton Co., Ltd., supplies.....	5.22
811.	Wm. Goodbody, patent envelopes.....	54.44
812.	Francis Jenkins, Bursar, cash advanced for freight and postage	93.02
813.	Francis Jenkins, Bursar, advanced for labor.....	357.00
814 to 825.	Salary roll for October, 1912.....	504.95
826.	Chas. Fleiger, baling straw.....	154.00
827.	Idaho-Washington Light & Power Co., rent of building....	20.00
828.	City of Moscow, water rentals.....	41.35
829.	Idaho-Washington Light & Power Co., light and power....	22.28
830.	L. P. Schuh, moving buildings on Farm.....	175.00
831.	L. D. Arnold, building tables for Chemistry Dept.....	255.00
832.	C. H. Sutton, supplies.....	1.00
833.	Kewaunee Mfg. Co., Laboratory tables.....	117.25
834.	A. C. McClurg & Co., books.....	2.00

No.	Name and Service.	Amount.
835.	E. H. Sargent & Co., Chemical supplies.....	18.31
836.	Crane Co., plumbing supplies.....	73.99
837.	Mark Rogers, boarding straw balers.....	20.75
838.	E. R. Dewey, sand.....	37.50
839.	The K-W Ignition Co., marine coils.....	6.00
840.	A. C. Rulofson Co., tools, and implements.....	12.50
841.	W. A. Lauder, tile, cement and sand.....	7.20
842.	G. F. Allright, repairs.....	6.35
843.	Eugene Dietzgen, apparatus.....	56.40
844.	Butterfield & Elder Co., tools, implements, etc.....	16.10
845.	C. C. Vincent, traveling expenses.....	19.70
846.	W. L. Carlyle, traveling expenses.....	59.25
847.	Francis Jenkins, Bursar, cash advanced for labor.....	402.62
848.	City Transfer & Storage Co., drayage.....	2.50
849.	City Transfer & Storage Co., drayage.....	16.30
850.	Rhodes Foundry & Machine Works, repairs.....	1.25
851.	Moscow Telephone & Telegraph Co., rentals and tolls....	34.13
852.	Hopffgarten Advertising Sign Co., cloth sign for Fair....	2.50
853.	Idaho-Washington Light & Power Co., rent of building....	20.00
854.	Idaho-Washington Light & Power Co., light and power....	26.92
855.	Theo Audel & Co., books.....	2.80
856.	Corliss McElroy, plumbing supplies.....	20.70
857.	Moscow Electric Supply Co., electric supplies.....	15.92
858.	The Open Court Publishing Co., books.....	12.31
859.	The Owl Drug Store, stationery.....	5.85
860.	Moscow Auto Co., dry batteries.....	2.10
861.	Washburn & Wilson, supplies.....	2.00
862.	Francis Jenkins, Bursar, cash advanced for freight and ex- press	53.34
863.	E. T. Baker, traveling expenses at Fair.....	60.95
864.	W. H. Wicks, traveling expenses.....	2.30
865.	E. W. Hamilton, traveling expenses.....	12.30
866.	W. R. Wright, traveling expenses.....	23.85
867.	W. L. Carlyle, traveling expenses.....	61.56
868.	E. J. Iddings.....	17.30
869.	C. C. Vincent, traveling expenses.....	60.20
870.	Francis Jenkins, Bursar, cash advanced for postage and stationery	53.99
		<hr/>
		\$ 39,801.06

Agricultural Extension Fund

No.	Name and Service.	Amount.
2586.	F. D. Farrell, February salary.....\$	66.65
2587.	Moscow Telephone & Telegraph Co., December tolls, etc.	3.41
2588.	The Twin Falls Milling & Elevator Co., feed.....	3.70
2589.	L. F. Childers, expenses incurred on Southern Idaho trip	69.90
2590.	J. H. Frandson, trip on account Demonstration Train and Farmers' Institutes.....	91.60
2591.	Francis Jenkins, Bursar, advanced for labor.....	6.00
2592.	G. E. Frevert, traveling expenses.....	10.10
2601.	Moscow Telephone & Telegraph Co., December and January tolls.....	12.54
2602.	Marion Moffatt, services.....	20.00
2603.	Citizens' Coal Co., feed.....	5.25

No.	Name and Service.	Amount.
2604.	Carlson-Lusk Hardware Co., supplies.....	9.00
2605.	E. J. Iddings, expenses incurred in attending Movable Agricultural School.....	11.65
2606.	Ensign & Ensign, rent for building January.....	13.00
2607.	F. D. Farrell, expenses.....	57.80
2608.	John F. Nicholson, expense account Movable School of Agriculture	14.65
2609.	F. D. Farrell, expenses, etc.....	58.55
2610.	J. H. Frandson, expense account trip to Farmers' Institute	11.12
2611.	G. E. Frevert, expense account Movable School.....	13.80
2612.	Berénice S. Maynard, expense account Movable School..	18.80
2613.	W. H. Wicks, traveling expenses.....	142.30
2614.	W. L. Carlyle, traveling expenses, etc.....	109.35
2884.	George M. Turpin, services.....	33.00
2885.	Vermont Farm Machine Co., supplies.....	30.00
2886.	C. H. Shattuck, expenses incurred on trip to Movable Schools	11.45
2887.	L. F. Childers, Institute trip expenses.....	15.20
3394.	O. C. Gregg, traveling expenses, etc.....	163.35
3794.	C. B. Hampson, March salary for man and three horses..	37.50
3795.	F. D. Farrell, March salary.....	66.65
3796.	M. E. Arnold, services for March.....	32.50
3797.	Mrs. Maud Iddings, services.....	6.00
3798.	Gooding Water Works Ltd., water rent for February..	12.50
3799.	Mabel E. Aronald, services for February.....	22.50
3800.	Rocky Mountain Bell Telephone Co., January rent, etc..	2.00
3801.	Rocky Mountain Bell Telephone Co., March and February rents and tolls.....	14.30
3802.	Ensign & Ensign, rent for building February.....	13.00
3803.	Ensign & Ensign, rent on building for March.....	13.00
3804.	Caldwell Milling & Elevator Co., feed.....	29.85
3805.	Consolidated Wagon & Machine Co., supplies.....	288.68
3806.	Buhl Grain & Produce Co., wheat.....	5.25
3807.	Arch Cunningham & Co., supplies.....	16.45
3808.	Young & Bolte, supplies.....	5.50
3809.	Meyer Bros., supplies.....	3.28
3810.	C. B. Jeffries, feed.....	4.50
3811.	Boyes Hardware Co., supplies.....	3.10
3812.	First National Bank of Gooding, advanced on time checks	12.50
3813.	E. E. Elliot, traveling expenses.....	67.65
3814.	F. D. Farrell, traveling expenses, etc.....	59.10
3815.	F. D. Farrell, traveling expenses, etc.....	30.65
3816.	F. D. Farrell, traveling expenses, etc.....	43.70
3939.	L. C. Aicher, April salary.....	100.00
3940.	F. D. Farrell, April salary.....	125.00
4421.	L. C. Aicher, traveling expenses, etc.....	14.81
4422.	John Krall, Jr., supplies, etc.....	17.79
4423.	C. B. Hampson, April salary.....	100.00
4424.	W. H. Heideman, April salary.....	75.00
4425.	Gooding Water Works Co., Ltd., water rent for March.	12.50
4426.	J. McIntosh, supplies, etc.....	3.35
4427.	Weeter Lumber Co., lumber.....	12.45
4428.	Gooding Mercantile Co., oil.....	3.50
4429.	Consolidated Wagon & Machine Co., supplies.....	3.32
4791.	Gooding Water Works Co., water rent for April.....	12.50
4792.	A. J. Steensland, horse and harness hire for April.....	15.00

No.	Name and Service.	Amount.
4793.	M. E. Arnold, services in April.....	32.50
4794.	Ensign & Ensign, April rental for building.....	13.00
4795.	Rocky Mountain Bell Telephone Co., April rental and March tolls	5.90
4796.	Caldwell Top & Trimming Co., services.....	15.00
4797.	The McMillen Co., supplies.....	20.00
4798.	Standard Furniture Co., rug.....	6.50
4799.	Idaho Implement & Grain Co., seed.....	36.00
4800.	Continental Oil Co., gasoline.....	13.50
4801.	J. McIntosh, supplies.....	2.10
4802.	Grote-Rankin Co., supplies.....	10.00
4803.	Meyer Bros., supplies.....	4.53
4804.	Gooding Seed & Feed Co., seed, etc.....	14.11
4805.	Arch Cunningham & Co., supplies.....	7.35
4806.	Idaho Coal & Commission Co., supplies.....	3.75
4807.	Idaho Coal & Commission Co., seed, etc.....	6.90
4808.	The Booth Furniture Co., office chair.....	7.20
4809.	F. D. Farrell, supplies, expenses, labor, etc.....	50.55
4810.	W. L. Carlyle, traveling expenses, etc.....	23.60
4811.	L. C. Aicher, traveling expenses, etc.....	8.31
4812.	First National Bank of Gooding, money advanced on time check.....	57.50
4813.	Francis Jenkins, Bursar, advanced for seed, etc.....	7.95
5433.	D. Hill Nursery, seed.....	1.20
5434.	Darrow Bros., oats.....	4.37
5435.	Caldwell Forwarding Co., one gate.....	7.00
5436.	Central Lumber Co., cement.....	2.20
5437.	Idaho Implement & Grain Co., supplies.....	4.15
5438.	Spokane Seed Co., seed.....	8.46
5439.	F. D. Farrell, supplies and expenses.....	49.10
5440.	L. F. Childers, expenses.....	4.75
5441.	J. H. Frandson, expenses.....	8.35
5442.	Francis Jenkins, Bursar, labor and expenses.....	3.95
5443.	W. H. Wicks, expenses.....	8.35
5525.	C. B. Hampson, May salary.....	100.00
5526.	F. D. Farrell, May salary.....	125.00
5527.	L. C. Aicher, May salary.....	100.00
5528.	W. H. Heideman, May salary.....	75.00
5587.	C. B. Hampson, June salary.....	100.00
5888.	F. D. Farrell, June salary.....	125.00
5889.	W. H. Heideman, June salary.....	75.00
5890.	L. C. Aicher, June salary.....	100.00
5891.	M. E. Arnold, May salary.....	32.50
5892.	Rocky Mountain Bell Telephone Co., rent and tolls.....	2.50
5893.	Gooding Water Works Co., May water.....	12.50
5894.	Lewis Brauch, plowing.....	96.25
5895.	Mark Sawyer, labor.....	22.50
5896.	Messrs. Ensign & Ensign, room rent.....	13.00
5897.	Weeter Lumber Co., lumber.....	12.30
5898.	Young & Bolte, supplies.....	6.50
5899.	Meyer Bros., supplies.....	3.73
5900.	Gooding Seed & Feed Co., seed.....	.80
5901.	Central Lumber Co., lumber and lath.....	27.55
5902.	J. McIntosh, office supplies.....	3.00
5903.	R. L. Polk Co., directory.....	5.00
5904.	First National Bank, time check.....	60.00
6941.	M. E. Arnold, June salary.....	32.50

No.	Name and Service.	Amount.
6942.	Ensign & Ensign, June rent.....	13.00
6943.	Percy Jessup, labor.....	5.00
6944.	Stewart Bros., livery.....	2.50
6945.	W. C. Tallinger, June salary.....	55.00
6946.	Rocky Mountain Bell Telephone Co., rents and tolls....	2.20
6947.	A. W. Duncan, services.....	11.15
6948.	L. C. Aicher, expenses.....	18.10
6949.	N. Williamson, oilcloth.....	.53
6950.	Caldwell Planing Mill, supplies.....	4.25
6951.	Consolidated Wagon & Machine Co., seed and machinery	15.44
6952.	Idaho Implement & Grain Co., steel share.....	3.50
6953.	J. C. Natvig, supplies.....	75.05
6954.	Francis Jenkins, Bursar, cash advanced for labor.....	367.00
6955.	W. L. Carlyle, expenses.....	11.55
6956.	F. D. Farrell, expense.....	51.05
6957.	John Krall, Jr., freight and express.....	6.85
6958.	W. L. Carlyle, expenses.....	27.50
7378.	W. C. Talenger, July salary.....	55.00
7379.	C. B. Hampson, July salary.....	100.00
7380.	W. H. Heidman, July salary.....	75.00
7381.	Moscow Telephone & Telegraph Co., telegram.....	.50
7382.	Rocky Mountain Bell Telephone Co., rent.....	4.00
7383.	Ensign & Ensign, July rent.....	13.00
7384.	M. E. Arnold, July salary.....	24.50
7385.	Consolidated Wagon & Machine Co., supplies.....	17.33
7386.	J. McIntosh, office supplies.....	7.40
7387.	Central Lumber Co., lumber.....	29.60
7388.	Meyer Bros., supplies.....	7.65
7389.	Continental Co., gasoline.....	10.32
7390.	E. I. Dupont, DeNemours Powder Co., fuses and caps..	53.54
7391.	J. M. Aldrich, expenses.....	81.15
7392.	J. H. Frandson, expenses.....	77.90
7393.	J. S. Welch, general expenses.....	5.91
7394.	E. J. Iddings, expenses.....	107.15
7395.	E. V. Ellington, expenses.....	78.35
7396.	Lewis Brauch, labor.....	56.57
8245.	W. H. Hiedeman, August salary.....	75.00
8246.	B. J. Farnham, First National Bank, July time check....	65.00
8247.	Arthur N. Blake, labor.....	45.00
8248.	I. J. Judd, plowing.....	19.00
8249.	J. C. Natvig, supplies.....	37.79
8250.	Doane & Hay Co., gasoline and grease.....	7.25
8251.	Idaho Implement & Grain Co., supplies.....	32.50
8252.	Boyes Hardware Co., nails.....	2.60
8253.	Consolidated Wagon & Machine Co., supplies.....	11.45
8254.	J. McIntosh, supplies.....	2.20
8255.	F. D. Farrell, expenses.....	55.45
8256.	E. V. Ellington, expenses.....	92.35
8512.	C. B. Hampson, August salary.....	100.00
8513.	Gooding Storage & Transfer Co., drayage and advances.	48 45
8514.	Caldwell Planing Mill, services and supplies.....	16.20
8515.	A. W. Duncan, services.....	18.02
8516.	W. C. Tallinger, August salary.....	55.00
8517.	Central Lumber Co., lumber.....	38.95
8518.	L. C. Aicher, labor and freight charges.....	7.62
8519.	J. H. Frandson, expenses.....	25.60
9812 to 9814.	October salary roll.....	291.65

No.	Name and Service.	Amount.
9815.	W. H. Heideman, September salary.....	75.00
9816.	L. C. Aicher, July salary.....	100.00
9817.	L. C. Aicher, August salary.....	100.00
9818.	C. B. Hampson, September salary.....	100.00
9819.	W. H. Olin, August salary.....	166.66
9820.	W. H. Olin, September salary.....	116.66
9821.	Richard M. High, labor.....	17.50
9822.	M. E. Arnold, July and August salary.....	40.50
9823.	M. E. Arnold, September salary.....	32.50
9824.	Central Lumber Co., lumber and roofing.....	26.85
9825.	Young & Bolte, services and supplies.....	8.75
9826.	Consolidated Wagon & Machine Co., supplies.....	16.55
9827.	Boyes Hardware Co., supplies.....	4.45
9828.	Gooding Water Works Co., July and August water rent	13.00
9829.	Meyer Bros., supplies.....	19.40
9830.	Chas. L. Joy & Co., freight and supplies.....	10.93
9831.	John Welch, sundry expenses.....	12.60
9832.	Western National Bank, Percy Jessup time check.....	2.50
9833.	E. V. Ellington, expenses.....	35.95
9834.	Francis Jenkins, Bursar, sundry labor.....	34.00
9835.	First National Bank, Arthur H. Blake time check.....	10.00
9836.	Western National Bank, Hampson & Talengen time check	15.15
9837.	E. V. Ellington, expenses.....	38.00
9838.	W. H. Olin, expenses.....	62.80
9839.	W. H. Olin, expenses.....	57.25
9840.	Francis Jenkins, Bursar, sundry labor and express.....	95.60
9841.	G. E. Frevert, expenses.....	6.00
9842.	L. C. Aicher, expenses.....	20.60
9843.	Arch Cunningham & Co., paper supplies.....	27.30
9844.	C. C. Vincent, expenses.....	6.06
9845.	W. H. Olin, expenses.....	43.10
9846.	W. L. Carlyle, expenses.....	52.60
10499	Chas. Wright, labor.....	136.10
10500	Citizens Coal & Feed Co., coal.....	7.50
10501.	Gooding Water Works Co., water.....	6.50
10502.	Francis Jenkins, Bursar, irr. water.....	15.00
10503.	Gooding Seed & Feed Co., seed and sacks.....	6.02
10504.	Meyer Bros., supplies.....	5.30
10505.	L. C. Aicher, expenses.....	52.85
10506.	J. S. Welch, sundry expenses.....	7.05
10507	W. H. Olin, expenses.....	61.97
11043 to 11046.	November salary roll.....	324.15
11047.	Dangler Stove Co., Division supplies.....	1.23
11048.	First National Bank, time check B. J. Farnham.....	65.00
11382.	E. Tarwater, labor.....	71.25
11383.	Ernest Nilson, labor.....	259.80
11384.	Gooding Water Works Co., Ltd., October water.....	6.00
11385.	E. V. Howard, draying.....	2.25
11386.	Consolidated Wagon & Machine Co., seed and sacks....	21.73
11387.	Consolidated Wagon & Machine Co., general supplies....	16.64
11388.	Gem State Lumber Co., lumber.....	5.50
11389.	Continental Oil Co., gasoline.....	12.69
11390.	Arch Cunningham & Co., stationery.....	15.35
11391.	J. S. Welch, sundry expenses.....	35.95
11392.	W. H. Olin, general expenses.....	56.95
11953.	Julian Churchill, labor.....	3.50

No.	Name and Service.	Amount.
11954.	Mountain States Telephone & Telegraph Co., rental and tolls	4.90
11955.	Gooding Water Works Co., Ltd., November water.....	6.00
11956.	Smith Bros., display boxes.....	12.00
11957.	Meyer Bros., oil and gasoline.....	6.70
11958.	Citizens Coal & Fuel Co., coal.....	7.25
11959.	W. H. Olin, expenses.....	102.89
11960.	L. C. Aicher, traveling expenses.....	23.10
11961.	L. C. Aicher, traveling expenses.....	20.75
12357 to 12360.	December salary roll.....	324.15
12361.	R. M. High, salary October and November.....	5.00
12362.	Caldwell Forwarding Co., pipe.....	8.03
12363.	E. V. Ellington, expenses.....	30.30
12364.	J. S. Welch, sundry expenses.....	22.45
13089 to 13092.	Salary roll for January, 1912.....	324.15
13093.	Ensign & Ensign, office rent.....	65.00
13094.	Edward P. Midhley, lettering.....	8.90
13095.	Caldwell Planing Mill, lumber.....	6.35
13096.	E. J. Iddings, traveling expenses.....	57.45
13097.	John U. McPherson, express and travelin expenses.....	35.30
13098.	Francis Jenkins, Bursar, express.....	10.05
13801.	Ernest Nilson, labor.....	50.00
13802.	International Harvester Co., supplies.....	299.36
13803.	C. C. Gregg, traveling expenses.....	70.65
14266 to 14277.	February salary roll, 1912.....	556.65
14273.	Moscow Telephone & Telegraph Co., toll.....	1.03
14274.	C. E. Bisbee, lantern slides.....	50.00
14275.	Columbia & Okanogan Nursery Co., trees.....	4.80
14276.	Gooding Mercantile Co., general supplies.....	1.57
14277.	Continental Oil Co., oil.....	12.22
14278.	Arch Cunningham & Co., stationery.....	3.35
14279.	W. A. Lauder, hay.....	5.70
14280.	F. L. Kennard, traveling expenses.....	3.20
14281.	J. C. Natvig, general supplies.....	32.20
14282.	E. J. Iddings, traveling expense.....	25.95
14283.	L. F. Childers, traveling expenses.....	26.40
14284.	W. H. Olin, traveling expenses.....	76.65
14285.	W. H. Olin, traveling expenses.....	67.86
14286.	J. S. Jones,traveling expenses.....	9.65
14287.	W. H. Wicks, traveling expenses.....	34.40
14288.	W. L. Carlyle, traveling expenses.....	31.90
14615.	S. Judd, services.....	5.60
14616.	Francis Jenkins, Bursar, sundry labor.....	15.05
14617.	Gooding Water Works Co., water rent.....	6.00
14618.	Gooding Water Works Co., water rent.....	6.00
14619.	David & Ely Co., supplies.....	3.35
14620.	Potlatch Lumber Co., lumber.....	2.65
14612.	The Whitehead & Hoag Co., supplies.....	33.83
14622.	H. P. Eggan, supplies.....	1.75
14623.	J. C. Natvig, supplies.....	200.00
14624.	R. Hodgins, supplies.....	6.18
14625.	Fred C. Boyes, general supplies.....	2.35
14626.	L. J. Arnold, nursery stock.....	4.00
14627.	The Citizens Coal & Feed Co., coal.....	9.80
14628.	Central Lumber Co., lumber.....	17.65
14629.	J. McIntosh, general supplies.....	7.35
14630.	Consolidated Wagon & Machine Co., sacks.....	4.98

No.	Name and Service.	Amount.
14631.	Thomson Furniture Co., desks.....	26.50
14632.	John U. McPherson, traveling expenses.....	27.70
14633.	L. E. Newcomb, general expenses.....	21.70
14634.	A. W. Duncan, general labor.....	6.40
14635.	W. H. Olin, traveling expenses.....	73.94
14636.	J. S. Welch, traveling expenses.....	25.25
15073 to 15076.	March salary roll.....	356.65
15077.	Dr. F. A. Blake, services.....	9.00
15078.	Elizabeth Tallman, labor.....	18.60
15079.	Ensign & Ensign, rentals, room.....	26.00
15080.	Idaho Implement & Grain Co., general supplies.....	3.15
15081.	Collins & Orland Hardware Co., supplies.....	1.47
15082.	Earl C. Arnold, traveling expenses.....	32.70
15083.	W. H. Wicks, traveling expenses.....	51.25
15084.	E. J. Iddings, traveling expenses.....	107.50
15085.	W. H. Olin, traveling expenses.....	56.85
15397.	Gooding Water Works Co., water.....	6.00
15398.	Leader Publishing Co., printing.....	2.75
15399.	Western Union Telegraph Co., tolls.....	13.97
15400.	E. R. Bliss, February salary.....	75.00
15401.	Meyer Bros., supplies.....	40.05
15402.	The Citizens Coal & Feed Co., coal.....	9.95
15403.	L. C. Aicher, traveling expenses.....	27.71
15404.	O. C. Gregg, traveling expenses.....	61.25
15405.	O. C. Gregg, traveling expenses.....	52.75
15406.	E. R. Bliss, traveling expenses.....	98.10
15407.	J. S. Welch, traveling expenses.....	20.10
16084 to 16087.	Salary roll, April, 1912.....	356.65
16088.	Ernest Nilson, labor.....	60.00
16089.	O. C. Gregg, salary.....	100.00
16090.	John Bergson, labor.....	28.00
16091.	Axel Nilson, labor.....	34.00
16092.	Ernest Nilson, labor.....	38.00
16093.	Mrs. O. M. Osborne, labor.....	35.00
16094.	Gooding Water Works Co., March water.....	6.00
16095.	C. A. Brown, labor.....	45.00
16097.	Manford Fransen, labor.....	28.00
16096.	Glenn Lewis, labor.....	27.50
16097.	Manfred Frensen, labor.....	28.00
16098.	The Star-Mirror, printing.....	140.00
16099.	The Mountain State Telephone & Telegraph Co., services.....	4.00
16100.	J. H. Mathies, labor.....	8.00
16101.	Glen Lewis, wages.....	55.00
16102.	Western Union Telegraph Co., services.....	4.85
16103.	E. L. Davis, supplies.....	94.88
16104.	L. F. Childers, supplies.....	1.80
16105.	Nate Newcomb, blacksmithing.....	7.50
16106.	J. H. Beasley, supplies, potatoes.....	8.00
16107.	Meyer Bros., merchandise.....	4.95
16108.	Graves Drayage & Storage Co., Ltd., transfer.....	5.55
16109.	W. G. Cowden, merchandise.....	138.25
16110.	Consolidated Wagon & Machine Co., farm implements..	22.07
16111.	Eastman Teller Hardware Co., cornsheller.....	1.75
16112.	Phillip Bostrom, merchandise.....	5.05
16113.	J. T. Ovard, horse.....	200.00
16114.	W. J. Campbell & Sons, supplies.....	12.25
16115.	Forest Ernst, labor and sundries.....	203.25

No.	Name and Service.	Amount.
16116.	Western Moline Plow Co., farm implements.....	98.65
16117.	Iowa Lumber Co., lumber.....	16.43
16118.	Paul A. Fugate, insurance premium.....	71.16
16119.	Alba Bales, traveling expenses.....	46.00
16120.	W. H. Olin, Agricultural Extension Dept., miscellaneous expense	91.15
16121.	W. L. Carlyle, traveling expenses.....	13.95
16122.	E. J. Iddings, traveling expenses.....	15.10
16123.	Gooding Mercantile Co., time checks.....	60.00
16124.	C. B. Hampson, freight.....	15.80
16125.	Grace M. Shepherd, traveling expenses.....	9.10
16126.	J. S. Welch, general expenses.....	45.60
16127.	E. T. Baker, traveling expenses.....	119.65
16128.	W. H. Olin, traveling expenses.....	155.28
16129.	W. L. Carlyle, traveling expenses.....	63.18
16130.	L. C. Aicher, general expenses.....	23.50
16558 to 16563.	Salary roll, May.....	471.65
16564.	Clyde Lewis, labor.....	9.00
16565.	The Star-Mirror, bulletins.....	62.00
16566.	D. R. Hubbard, services.....	18.00
16567.	Lewis E. Newcomb, services.....	9.55
16568.	Fairbanks, Morse & Co., merchandise.....	29.25
16569.	Moscow Flour Mills, wheat.....	1.55
16570.	L. C. Aicher, general expenses.....	28.25
16571.	J. S. Jones, traveling expenses.....	10.15
16372.	Francis Jenkins, Bursar, freight and express.....	9.34
16573.	E. T. Baker, traveling expenses.....	19.30
16824.	J. S. Welch, general expenses.....	33.27
16825.	Lloyd Mills, labor.....	40.00
16826.	Young & Stanfield, repairing.....	2.95
16827.	P. D. Backus, services.....	7.50
16828.	Ostrander Lumber Co., lumber.....	56.69
16829.	J. A. McIntosh, merchandise.....	19.00
16830.	Meyer Bros., merchandise.....	19.95
16831.	Hein's Drug Co., drugs.....	5.40
16832.	Spokane Seed Co., merchandise.....	1.08
16833.	Smith & Co., merchandise.....	36.49
17544 to 17548.	Salary roll, June, 1912.....	384.15
17549.	F. R. Lee, labor.....	17.75
17550.	Clyde Lewis, labor.....	46.50
17551.	Leo Thomlinson, labor.....	22.50
17552.	Mountain State Telephone & Telegraph Co., services....	4.25
17553.	A. V. Chingren, labor.....	36.00
17554.	Gooding Water Works Co., water rent.....	6.00
17555.	Aberdeen Hardware & Furniture Co., merchandise.....	36.30
17556.	Gooding Mercantile Co., merchandise.....	1.37
17557.	The H. D. Smith L. S. & S. Co., supplies.....	150.30
17558.	Spokane Seed Co., seed.....	69.85
17559.	Caldwell Planing Mill, lumber.....	10.25
17560.	Smith Bros., plumbing supplies.....	17.30
17561.	Western Moline Plow Co., implements.....	9.30
17562.	Nate Newcomb, labor.....	7.55
17563.	Western Moline Plow Co., rake.....	27.50
17564.	Aberdeen Plumbing & Heating Co., plumbing.....	131.44
17565.	The U. S. Steel Products Co., fencing.....	231.00
17566.	Arch Cunningham & Co., stationery.....	25.00
17567.	L. C. Aicher, general expenses.....	34.98

No.	Name and Service.	Amount.
17568.	W. H. Olin, traveling expenses.....	120.35
17569.	W. H. Heideman, general expenses.....	8.63
17570.	E. F. Rinehart, traveling expenses.....	54.85
17571.	Jack Baird, labor.....	51.25
17572.	C. B. Hampson, general expenses.....	12.85
17933 to 17938.	Salary roll, July, 1912.....	516.33
17939.	Gooding Water Works Co., Ltd., water rent.....	6.00
17940.	Western Union Telegraph Co., services.....	3.99
17941.	Mildred G. Cooper, labor.....	14.00
17942.	W. W. Shaver, labor.....	17.93
17943.	C. B. Hampson, labor.....	16.85
17944.	E. D. Talbot, labor.....	39.00
17945.	W. M. Shaver, labor.....	58.00
17946.	Hiran Talbot, labor.....	39.00
17947.	The Mountain State Telephone & Telegraph Co., services	2.65
17948.	Continental Oil Co., oil.....	12.04
17949.	Boyes Hardware Co., merchandise.....	22.25
17950.	Citizens Coal & Feed Co., fuel.....	9.20
17951.	Consolidated Wagon & Machine Co., implements.....	12.65
17952.	The Star-Mirror, bulletins.....	63.00
17953.	Idaho Coal & Commission Co., merchandise.....	6.28
17954.	Maxey & Schnable, merchandise.....	3.05
17955.	Central Lumber Co., lumber.....	168.75
17956.	Gooding Mercantile Co., merchandise.....	.80
17957.	Meyer Bros., merchandise.....	3.20
17958.	Spokane Seed Co., seed.....	38.80
17959.	Spokane Seed Co., seed.....	3.39
17960.	Iowa Lumber Co., lumber.....	20.03
17961.	Consolidated Wagon & Machine Co., farm implements...	303.58
17962.	Gooding Feed & Seed Co., merchandise.....	18.57
17963.	Dr. E. C. Bryant, horse.....	200.00
17964.	Prof. E. W. Hamilton, traveling expenses.....	40.50
17965.	Prof. E. W. Hamilton, traveling expenses.....	21.00
17966.	Prof. E. F. Rinehart, traveling expenses.....	83.65
17967.	J. S. Welch, general expense.....	24.50
18369.	Gooding Mercantile Co., time check.....	65.00
18370.	E. D. Talbott, labor.....	58.00
18371.	Mountain State Telephone & Telegraph Co., services....	2.25
18372.	J. McIntosh, merchandise.....	7.20
18374.	Meyer Bros., merchandise.....	4.25
18375.	Able H. Beasley, seed potatoes.....	42.00
18376.	Continental Oil Co., oil.....	11.25
18377.	Nate Newcomb, labor.....	3.65
18378.	S. F. Hussey, labor.....	17.75
18379.	W. H. Olin, miscellaneous expense.....	13.10
18380.	Arch Cunningham & Co., stationery.....	4.15
18381.	J. S. Welch, general expenses.....	8.10
18382.	John Slaver, labor.....	13.38
18383.	F. M. Gamble, labor.....	22.50
18384.	S. D. Blaine, labor.....	283.00
18385.	L. C. Aicher, general expenses.....	36.30
18386.	W. H. Olin, traveling expenses.....	58.90
18387.	W. W. Shaver, labor.....	58.00
18664 to 18669.	Salary roll, August, 1912.....	527.03
18670.	Moscow Telephone & Telegraph Co., telegram.....	.75
18671.	Aberdeen Hardware & Furniture Co., merchandise.....	20.05
18672.	American Grain Separator Co., merchandise.....	26.60

No.	Name and Service.	Amount.
18673.	J. T. Ovard, labor, etc.....	17.50
18674.	E. F. Rinehart, traveling expenses.....	92.05
18844.	E. A. Talbot, labor.....	58.00
18845.	W. W. Shaver, labor.....	58.00
18846.	Milo Hampson, labor.....	29.00
18847.	C. B. Hampson, expenses.....	36.40
18848.	Western Union Telegraph Co., message.....	3.18
18849.	Mountain States Telephone & Telegraph Co., services...	1.35
18850.	Mountain States Telephone & Telegraph Co., rentals....	3.50
18851.	Western Moline Plow Co., buggy.....	69.75
18852.	Consolidated Wagon & Machine Co., merchandise.....	19.30
18853.	Nate Newcomb, labor.....	3.50
18854.	Meyer Bros., merchandise.....	7.15
18855.	E. Prindle, labor.....	8.80
18856.	Citizens Coal & Feed Co., coal.....	12.50
18857.	Arch Cunningham & Co., stationery.....	21.15
18858.	Fred Hoskins, hay.....	26.62
18859.	L. C. Aicher, traveling expenses.....	32.77
18860.	J. S. Welch, general expenses.....	17.85
18861.	J. A. Hughes, traveling expenses.....	33.35
18862.	E. J. Iddings, traveling expenses.....	29.25
18863.	W. H. Olin, traveling expenses.....	87.60
19189to 19194.	Salary roll, September, 1912.....	521.66
19195.	Aberdeen Hardware & Furniture Co., merchandise.....	14.90
19196.	Continental Oil Co., oil.....	13.25
19197.	N. Williamson, merchandise.....	1.00
19198.	E. V. Ellington, traveling expenses.....	121.00
19631 to 19637.	Salary roll, October.....	546.19
19638.	Gooding Water Works Co., Ltd., water rent.....	12.00
19639.	W. B. Kelly, use of team.....	12.00
19640.	First National Bank, time checks.....	27.50
19641.	First National Bank, time check.....	65.00
19642.	Clyde Lewis, labor.....	13.75
19643.	E. Tarwater, labor.....	18.75
19644.	E. A. Talbott, labor.....	19.33
19645.	Lincoln County Bank, time check.....	13.75
19646.	Peter Anderson, labor.....	180.00
19647.	Harry Fisher, labor.....	18.25
19648.	Sims-York Co., posters.....	15.50
19649.	Idaho Leader, paper.....	5.60
19650.	Gooding Milling & Elevator Co., sacks.....	23.25
19651.	Meyer Bros., merchandise.....	5.45
19652.	Idaho Coal & Commission Co., seed.....	34.20
19653.	Spokane Seed Co., seed.....	1.20
19654.	M. A. Fugate, oats.....	12.00
19655.	Nate Newcomb, labor.....	27.90
19656.	E. T. Baker, traveling expenses.....	21.90
19657.	L. C. Aicher, general expenses.....	34.62
19658.	W. H. Olin, traveling expenses.....	125.20
19659.	J. S. Welch, general expenses.....	12.50
19660.	E. F. Rinehart, traveling expenses.....	77.80
19661.	Francis Jenkins, Bursar, sundry labor.....	60.05
19662.	E. J. Iddings, traveling expenses.....	94.40
19663.	E. F. Rinehart, traveling expenses.....	89.55
19850.	Mountain States Telephone & Telegraph Co., services...	2.45
19851.	Western Union Telegraph Co., services.....	1.60
19852.	Western Union Telegraph Co., service.....	10.60

No.	Name and Service.	Amount.
19853.	E. Tarwater, labor.....	7.50
19854.	Mountain States Telephone & Telegraph Co., services...	4.00
19855.	W. W. Shaver, labor.....	64.69
19856.	Gooding Water Works Co., Ltd., water.....	6.00
19857.	Dr. M. B. Wheeler, services.....	15.00
19858.	Consolidated Wagon & Machine Co., merchandise.....	1.05
19859.	Continental Oil Co., oil.....	12.75
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		\$ 23,994.83

Deficiency Warrants

No.	Name and Service.	Amount.
526.	L. C. Aicher, November salary.....	\$ 75.00
527.	Stoddard Judd, October salary.....	100.00
528.	W. H. Heideman, October salary.....	75.00
529.	C. P. Fortune, salary for month's labor.....	40.00
530.	Central Lumber Co., supplies.....	16.45
531.	Consolidated Wagon & Machine Co., supplies.....	25.10
532.	The Denver Fire Clay Co., supplies.....	6.13
533.	Gooding Seed & Feed Co., supplies.....	2.94
534.	Idaho Implement & Grain Co., machinery.....	15.00
535.	Francis Jenkins, Bursar, cash advanced for labor.....	63.50
536.	L. C. Aicher, expenses, etc.....	25.10
537.	F. D. Farrell, expenses and supplies.....	16.13
538.	First National Bank of Gooding, money advanced on time checks	108.75
539.	Francis Jenkins, Bursar, advanced for labor.....	20.00
540.	F. D. Farrell, December salary.....	66.65
541.	W. H. Heideman, November salary.....	75.00
542.	Nampa Iron Works, supplies.....	6.50
543.	Arch Cunningham & Co., supplies.....	14.75
544.	Weeter Lumber Co., Ltd., supplies.....	4.95
545.	E. I. Du Pont De Nemours Powder Co., supplies.....	24.72
546.	Boyes Hardware Co., supplies.....	8.70
547.	Meyer Bros., supplies.....	5.35
548.	Consolidated Wagon & Machine Co., supplies.....	17.96
549.	Gooding Water Works Co., Ltd., water for October....	12.50
550.	F. W. Hanna, Project Engineer, water.....	7.50
551.	L. C. Aicher, October salary.....	75.00
552.	John Krall, Jr., supplies.....	6.59
553.	Francis Jenkins, Bursar, cash advanced, freight, etc....	238.55
554.	F. D. Farrell, traveling expenses.....	13.15
555.	Francis Jenkins, Bursar, advanced for labor.....	94.25
556.	A. W. Duncan, supplies.....	11.75
557.	Francis Jenkins, Bursar, advanced for labor, etc.....	125.00
558.	J. C. Natvig, supplies.....	47.65
559.	Caldwell Forwarding Co., supplies.....	123.20
560.	W. L. Carlyle, traveling expenses.....	15.45
561.	L. C. Aicher, supplies, etc.....	4.75
562.	Gooding Water Works Co., Ltd., water rent for Nov.	12.50
563.	Gooding Mercantile Co., oil.....	1.75
1709.	R. W. Morris, freight.....	806.00
1907.	F. D. Farrell, salary for November.....	66.65
1908.	W. H. Heideman, December salary.....	75.00
1909.	F. D. Farrell, January salary.....	66.65

No.	Name and Service.	Amount.
1910.	Ensign & Ensign, rent of building for December.....	13.00
1911.	Arch Cunningham & Co., supplies.....	11.55
1912.	W. L. Carlyle, traveling expenses.....	26.60
1976.	Potlatch Lumber Co., lumber.....	68.15
1977.	F. D. Farrell, supplies, etc.....	96.75
1978.	E. V. Ellington, traveling expenses.....	41.15
1979.	Berenice S. Mynard, expenses on Institute trip.....	87.15
1980.	W. L. Carlyle, expenses of trip to Movable Schools of Agriculture	78.65
1981.	Stoddard Judd, November salary with horses.....	100.00
1996.	Eimer & Amend, supplies.....	149.22
1997.	Empire Hardware Co., supplies.....	60.30
1998.	H. Channon Co., Chemical supplies.....	10.50
1999.	Gooding Water Works Co., Ltd., water for December..	12.50
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		\$ 3,373.09

Pure Seed Fund

No.	Name and Service.	Amount.
9858-9859.	Payroll, September and October.....	\$ 24.98
9860.	Spokane American Engraving Co., supplies.....	43.00
10508	The Idaho Post, bulletins.....	21.00
11049.	November payroll.....	16.65
12365.	December payroll	16.65
12366.	Star-Mirror, bulletins	180.00
13099.	Salary roll, January, 1912.....	16.65
13804.	The Idaho Post, stationery.....	22.75
13805.	Francis Jenkins, Bursar, freight.....	2.45
14289.	Salary roll, February.....	16.65
14290.	John W. Graham & Co., Botany Dept. supplies.....	103.05
14637.	C. E. Temple, traveling expenses.....	72.85
15086.	Salary roll, March.....	16.65
15087.	The Tribune, printing.....	40.00
15088.	Francis Jenkins, Bursar, sundry expenses.....	86.45
15089.	C. E. Temple, traveling expenses.....	63.90
15090.	W. L. Carlyle, traveling expenses.....	36.60
15408.	Mackall Bros., Botany supplies.....	7.00
15409.	The Idaho Post, printing.....	3.00
16131.	Payroll, April.....	16.65
16132.	Moscow Telephone & Telegraph Co., services.....	.50
16133.	E. H. Sargent & Co., supplies bot. department.....	4.45
16134.	The Grote-Rankin Co., supplies bot. department.....	34.00
16135.	John W. Graham & Co., supplies bot. department.....	6.23
16136.	Francis Jenkins, Bursar, freight and express.....	4.20
16137.	Francis Jenkins, Bursar, sundry labor.....	100.30
16574.	Salary roll for May.....	33.30
16575.	Francis Jenkins, Bursar, freight and express.....	2.83
16576.	Francis Jenkins, Bursar, sundry labor.....	118.30
16577.	Vernon Fawcett, traveling expenses.....	110.75
17573-17574.	Salary roll, June.....	83.30
17575.	H. A. Scheyer, bot. supplies.....	7.50
17576.	Denver Fire Clay Co., bot. supplies.....	42.80
17577.	Francis Jenkins, Bursar, sundry labor.....	49.60
17968-17969.	Salary roll, July.....	125.00

No.	Name and Service.	Amount.
17970.	T. N. Creekmur, rent on typewriter.....	5.50
18388.	Prof. R. B. Coglon, traveling expenses.....	116.20
18685-18676.	Salary roll, August.....	174.96
18677.	B. B. Coglon, traveling expenses.....	100.80
18678.	B. B. Coglon, travelnig expenses.....	57.95
19664.	Francis Jenkins, Bursar, labor.....	4.20
19860.	W. U. Tel. Co., messages.....	2.99
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		\$ 1,992.59

Purchase of Live Stock

9847.	Butterfield Live Stock Co., ram.....	\$ 50.00
9848.	Frank Wolganmuth, boar.....	55.00
9849.	J. C. Keller, sow.....	50.00
9850.	Butterfield Live Stock Co., ram.....	50.00
10493.	Wm. Todd & Sons, cow.....	225.00
11038.	Wm. Bishop, cow.....	350.00
12354.	Northern Pacific Ry. Co., freight.....	459.26
12355.	W. L. Carlyle, traveling expenses.....	167.25
12693.	Maasden & Wheeler, mare.....	900.00
12394.	Thompson Bros., cows.....	400.00
13088.	R. H. Hazlett, stock.....	500.00
14603.	Geo. McKerrow & Sons, sheep.....	135.00
17543.	J. C. Kinzer, traveling expenses.....	19.25
18842.	J. P. Cudahy, stock.....	1,000.00
18843.	John R. Thompson, cattle.....	139.24
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		\$ 4,500.00

Stock Barns and Stables

No.	Name and Service.	Amount.
5886.	Cutter & Malmgren, services, professional.....	\$ 350.00
6940.	W. A. Lauder, cement.....	247.50
7376.	Interstate Construction Co., Building supplies.....	11.00
7377.	Spokesman Review, advertising.....	8.50
8237.	Moscow Hardware Co., Building supplies.....	47.65
8238.	Standard Lumber Co., lumber.....	68.40
8239.	Butterfield Elder Implement Co., fencing.....	28.44
8240.	Holly Mason Hardware Co., Building supplies.....	27.19
8241.	Zumhof & Collins, supplies.....	12.75
8242.	J. E. Anderton, gravel.....	110.00
8243.	Francis Jenkins, Bursar, freight.....	142.50
8244.	W. L. Carlyle, cash advanced for labor.....	155.25
8509.	J. E. Anderton, sand.....	91.66
8510.	Standard Lumber Co., lumber.....	2,017.00
8511.	W. L. Carlyle, expense.....	222.95
9343.	William Brown, roofing supplies.....	130.08
9344.	Holly Mason Hardware Co., supplies.....	221.65
9345.	W. L. Carlyle, cash advanced for wages.....	594.90
9346.	Francis Jenkins, Bursar, freight and express.....	31.40
9347.	W. L. Carlyle, cash advanced for wages.....	882.40
9348.	Crane Co., supplies.....	104.00

No.	Name and Service.	Amount.
9851.	Rhodes Machine Works, supplies.....	2.20
9852.	Jones & Dillingham, supplies.....	241.28
9853.	Standard Lumber Co., lumber.....	91.95
9854.	Rhodes Machine Works, general supplies.....	50.25
9855.	J. E. Anderton, sand.....	80.30
9856.	Francis Jenkins, Bursar, freight.....	6.90
9857.	W. L. Carlyle, wages advanced.....	650.00
10494.	H. A. Scheyer, labor.....	2.50
10495.	Collins & Orland Hardware Co., general supplies....	66.95
10496.	William Brown, roofing supplies.....	3.45
10497.	Jones & Dillingham, oil.....	12.00
10498.	W. L. Carlyle, wages advanced.....	735.21
11039.	Moscow Hardware Co., general supplies.....	143.68
11040.	Standard Lumber Co., lumber.....	492.10
11041.	W. L. Carlye, wages advanced.....	701.50
11042.	Francis Jenkins, Bursar, freight.....	9.85
11380.	W. L. Carlyle, wages advanced.....	200.00
11381.	William Brown, shingles.....	7.85
11952.	Francis Jenkins, Bursar, freight.....	2.30
12356.	W. L. Carlyle, money advanced.....	262.50
14264.	W. L. Carlyle, labor.....	20.00
14265.	A. G. Herald, freight.....	4.10
14614.	Spokane Paint & Oil Co., supplies.....	187.90
16083.	Francis Jenkins, Bursar, freight.....	3.80
16557.	Moscow Hardware Co., merchandise.....	16.21
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		\$ 9,500.00

Purchase of Books For Library

14527.	Francis Jenkins, Bursar, freight.....	\$ 5.70
14528.	Boston Book Store, magazines.....	23.89
14664.	Mutual Subscription Agency, magazines.....	387.95
14665.	Boston Book Co., subscription.....	88.69
14666.	Hicks-Judd Co., books.....	150.94
14667.	Hicks-Judd Co., supplies.....	67.64
14668.	National Municipal League, dues.....	5.00
14669.	T. J. Fitzpatrick, books.....	5.15
14670.	A. C. McClurg & Co., supplies.....	3.25
14671.	G. E. Stechert Co., book.....	8.93
14672.	James Clark & Co., book.....	17.10
14673.	A. C. McClurg & Co., book.....	3.80
14674.	McGraw-Hill Book Co., books.....	4.68
14675.	A. C. McClurg & Co., books.....	141.61
14676.	Francis Jenkins, Bursar, cash advanced for freight and express	11.39
14947.	Spokesman-Review, subscription.....	5.00
14948.	International Text Book Co., books.....	6.67
14949.	H. W. Wilson Co., book.....	16.80
14950.	The Arthur H. Clark Co., book.....	4.00
14951.	Republican Publishing Co., supplies.....	4.00
14952.	Forestry Quarterly, subscription.....	4.50
14998.	George F. Cram, atlas.....	15.00
14999.	The H. W. Wilson Co., supplies.....	19.00
15000.	American Electro Chemical Society, books.....	32.65
15001.	St. Paul Book & St. At. Co., supplies.....	23.50

No.	Name and Service.	Amount.
15002.	Forestry Quarterly, subscription.....	12.00
15003.	International Text Book Co., books.....	53.34
15004.	Arthur H. Clark Co., books.....	8.00
15005.	Mining & Scientific Press, book.....	2.00
15006.	Caroline L. Himebaugh, books.....	84.95
15007.	Francis Jenkins, Bursar, money advanced for freight and express	16.90
15021.	A. C. McClurg & Co., books.....	19.46
15022.	A. C. McClurg & Co., books and supplies.....	555.60
15023.	G. E. Stechert Co., books.....	1,014.49
15024.	G. A. Nichols Co., book.....	6.50
15025.	Wm. G. Johnson & Co., library supplies.....	59.25
15026.	G. E. Stechert & Co., books.....	35.69
15027.	A. C. McClurg & Co., books.....	132.62
15028.	A. C. McClurg & Co., books.....	15.73
15029.	A. C. McClurg & Co., book.....	1.50
15030.	G. E. Stechert & Co., history books.....	6.88
15031.	Library Bureau, supplies.....	13.04
15032.	A. C. McClurg & Co., books.....	43.99
15033.	A. C. McClurg & Co., books.....	63.89
15034.	Francis Jenkins, Bursar, cash advanced for freight and express	66.62
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		\$ 3,269.29

Regents' Expense Fund

14522.	Hotel Moscow, board and lodging for Regents.....	\$ 27.40
14523.	M. E. Lewis, traveling expenses.....	26.39
14524.	O. E. McCutcheon, traveling expenses.....	60.85
14659.	O. E. McCutcheon, traveling expenses.....	36.35
14660.	M. E. Lewis, traveling expenses.....	45.60
15017.	Francis Jenkins, Bursar, cash for express.....	1.15
15049.	Capital News Publishing Co., printing supplies.....	103.50
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		\$ 301.24

Purchase and Installation of Mining Machinery

14533.	Francis Jenkins, Bursar, cash for labor.....	\$ 73.42
14534.	Francis Jenkins, Bursar, cash for freight and express....	43.23
14678.	The Braun-Knecht-Heiman Co., apparatus.....	64.10
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		\$ 180.75

Furniture and Fixtures For Library

14661.	Remington Typewriter Co., machines and supplies.....	\$ 37.50
15018.	Library Bureau, supplies.....	9.50
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		\$ 47.00

Furniture For Administration Building

No.	Name and Service.	Amount.
14995.	Francis Jenkins, Bursar, cash advanced for express.....	1.10
14996.	F. S. Harmon & Co., furniture.....	84.00
14997.	F. S. Harmon & Co., furniture.....	12.00
14525.	Grote-Rankin Co., furniture.....	237.80
14526.	Francis Jenkins, Bursar, cash for freight.....	20.26
14662.	Remington Typewriter Co., typewriters.....	30.00
14663.	Francis Jenkins, Bursar, cash on freight.....	1.80
15019.	Library Bureau, furniture.....	479.50
15020.	Francis Jenkins, Bursar, cash for freight and express....	1.55
15060.	N. Williamson, furniture.....	53.71
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		\$ 921.72

Maintenance Law School

14529.	E. N. Durfee, December salary.....	\$ 180.00
14530.	Bancroft-Whitney Co., law books.....	5.00
14531.	Edward Thompson Co., law books.....	40.00
14540.	E. N. Durfee, November salary.....	180.00
14677.	Francis Jenkins, Bursar, postage stamps.....	2.31
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		\$ 407.31

Laboratory Equipment

14532.	J. J. Carr & Co., supplies.....	\$ 151.09
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		\$ 151.09

Auxiliary Agricultural Station Fund

15061.	Francis Jenkins, Bursar, stamps, etc.....	\$ 2.74
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		\$ 2.74

Purchase and Condemnation of Land Fund

4531.	Mrs. Emma F. Edmondson, purchase price of land.....	\$ 8,995.00
4532.	Frank M. Gustafson and Amy C. Gustafson, purchase price of land.....	2,275.00
4533.	Fred Veatch, purchase price of land.....	600.00
4790.	John Almquist, purchase price of land.....	425.00
5432.	Francis Jenkins, Bursar, recording.....	3.80
10492.	T. J. Hunt, purchase of land.....	325.00
11951.	Mrs. Julia A. Moore, land.....	376.20
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		\$ 13,000.00

Pure Seed License Fees Fund

1 and 2.	September, 1912, pay roll.....	\$ 141.65
3.	R. B. Coglan, traveling expenses.....	54.20
4 and 5.	October, 1912, pay roll.....	133.35
6.	R. B. Coglan, traveling expenses.....	74.00

No.	Name and Service.	Amount.
7.	R. B. Coglean, traveling expenses.....	45.10
8.	R. B. Coglean, traveling expenses.....	51.50
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		\$ 497.80

State Tax Building Fund

530.	H. D. Mitchell, foundation stone.....	\$ 127.23
531.	Not issued on this fund.	
532.	Not issued on this fund.	
533.	Standard Lumber Co., lumber for Lewis Court.....	308.37
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		\$ 435.60

State Endowment Fund

524.	Francis Jenkins, Bursar, money advanced on land.....	\$ 50.00
525 to 531.	Not issued on this fund.	
532.	Mrs. Julia A. Moore, purchase of land.....	623.80
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		\$ 673.80

Library Fund

525.	Francis Jenkins, Bursar, refund to Bursar's fund.....	\$ 148.75
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		\$ 148.75

U. of I. Rebuilding and Equipment Fund

422.	H. A. Scheyer, exhibit frames.....	\$ 3.00
423.	H. A. Scheyer, exhibit frames.....	2.00
424.	H. O. Field, exhibit frames.....	16.50
425.	Geo. Creighton Co., exhibit supplies.....	13.15
426.	David & Ely Co., exhibit supplies.....	4.95
427.	David & Ely Co., exhibit supplies.....	3.12
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		\$ 42.72

U. of I. Improvement Fund

189.	C. E. Curtis, weather stripping.....	\$ 350.00
190.	O. C. Vroman, laboratories.....	335.00
191.	Reported in 1910 report.	
192.	C. E. Curtis, weather stripping.....	101.06
193.	A. L. Vroman, toilet fixtures.....	15.70
194.	George Williams, witness fees, Whiteway vs. Regents.....	131.25
195.	F. H. Paradise, Jr., witness fees, Whiteway vs. Regents....	63.75
196.	R. S. Loring, witness fees, Whiteway vs. Regents.....	72.50
197.	George Williams, witness fees, Whiteway vs. Regents.....	125.50
198.	J. E. Tourtelotte & Co., superintending building.....	143.52
199.	W. A. Samms, witness fees, Whiteway vs. Regents.....	131.25
200.	The Tribune, advertising for bids.....	7.70
201.	Statesman Printing Co., advertising for bids.....	5.00
202.	Fuller Publishing Co., advertising for bids.....	14.40
203.	Spokesman-Review, advertising for bids.....	20.90
204.	Moscow Hardware Co., judgment.....	1,875.53

No.	Name and Service.	Amount.
205.	Capital News Publishing Co., advertising for bids.....	10.35
206.	A. S. Whiteway & Co., balance on contract.....	2,000.00
207.	Francis Jenkins, Bursar, postage.....	.76
208.	J. H. Fox, use of wheel scrapers.....	66.50
209.	H. D. Mitchell, foundation stone.....	728.64
210.	John Hansen, salary as overseer on North Wing.....	65.00
211.	John Hansen, salary for June, 1912, as overseer.....	65.00
212.	John Hansen, salary for July, 1912, as overseer.....	65.00
213.	John Hansen, salary for August, 1912, as overseer.....	65.00
214.	John Hansen, salary for September, 1912, as overseer....	42.50
215.	John Hansen, salary for October, 1912, as overseer.....	67.50
216.	Spokane Ornamental Iron and Wire Works, iron ladder...	30.00
		<hr/>
		\$ 6,599.31

U. of I. Improvement Fund, 1911

1.	M. E. Lewis, Trustee, money advanced for Caldwell house...	\$ 1,184.08
2.	Sophie J. Schmidt, stenography.....	16.70
3.	J. E. Cunningham, North Wing contract.....	12,223.20
4.	J. E. Cunningham, North Wing contract.....	15,779.70
5.	J. E. Cunningham, North Wing contract.....	11,115.10
		<hr/>
		\$ 40,318.78

U. of I. Insurance Fund

531.	H. D. Mitchell, stone for foundation.....	\$ 1,070.86
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		\$ 1,070.86

Local Station Fund

627.	G. F. Albright, repairs.....	\$ 1.00
628.	H. J. Smith, surveying.....	5.50
629.	Moscow Telephone & Telegraph Co., rentals.....	17.09
630.	First National Bank, cash advanced on time check.....	62.50
631.	Francis Jenkins, Bursar, cash advanced for labor.....	4.45
632.	N. Williamson, broom.....	.75
633.	Francis Jenkins, Bursar, cash advanced for supplies.....	2.39
634.	Francis Jenkins, Bursar, cash advanced for express.....	1.25
635.	Francis Jenkins, Bursar, cash advanced for labor.....	21.60
636.	Francis Jenkins, Bursar, cash advanced for labor.....	9.50
637.	R. M. Bell Telephone Co., rentals at Caldwell.....	3.85
638.	W. H. Heideman, advances for freight.....	3.50
639.	R. M. Bell Telephone Co., rental at Caldwell.....	8.90
640.	Central Lumber Co., lumber to Caldwell Station.....	3.95
641.	Tucker-Hanford Co., printing warrants.....	10.00
643.	N. Williamson, supplies.....	1.15
656.	N. Williamson, supplies.....	.30
644.	J. C. Natvig, advanced for wood and labor.....	159.50
645.	Consolidated Wagon & Machine Co., supplies.....	2.76
646.	F. D. Farrell, traveling expense.....	10.15
647.	Moscow Telephone & Telegraph Co., rentals.....	.70
648.	Gooding Water Works, water rental.....	12.50
649.	Francis Jenkins, Bursar, cash advanced for labor.....	9.90

No.	Name and Service.	Amount.
650.	Arch Cunningham, printed supplies.....	6.85
651.	The Macey Co., filing supplies.....	2.60
652.	Collins & Orland, sink strainer.....	.30
653.	G. E. Stechert & Co., books.....	16.50
654.	Moscow Steam Laundry, laundry.....	.25
655.	Spokane Seed Co., garden seed.....	2.80
656.	N. Williamson, supplies.....	.30
657.	Francis Jenkins, Bursar, cash advanced for postage and supplies.....	1.35
658.	L. F. Childers, traveling expenses.....	4.30
659.	W. H. Wicks, traveling expenses.....	4.60
660.	J. J. Sterner, photographic work.....	.50
661.	Economical Pharmacy, supplies.....	.50
662.	C. C. Vincent, traveling expense.....	6.80
663.	Mrs. L. L. Shurtz, laundry.....	1.75
664.	G. F. Albright, repairs.....	7.90
665.	Francis Jenkins, Bursar, cash advanced for freight and express.....	2.30
666.	D. Van Nostrand, book.....	6.75
667.	O. M. Osborne, traveling expense.....	6.80
668.	E. I. DuPont DeNemours Powder Co., explosives.....	1.34
669.	Economical Pharmacy, supplies.....	7.00
670.	J. J. Anthony, filing saws.....	.50
671.	Ross R. Sherfey, office furniture and stationery.....	27.00
672.	Francis Jenkins, Bursar, cash advanced for labor.....	6.48
673.	Francis Jenkins, Bursar, cash advanced for freight.....	.45
674.	John W. Graham & Co., furniture and fixtures.....	.69
675.	G. E. Frevert, traveling expenses.....	11.00
676.	G. C. Hallam, filing saws.....	.75
677.	Francis Jenkins, Bursar, cash advanced for freight and express.....	.25
678.	Collins & Orland, plumbing supplies.....	7.90
679.	W. S. Robbins, ice.....	2.00
680.	Francis Jenkins, Bursar, cash advanced for labor.....	7.40
681.	Stephen A. Regan, labor and traveling expense.....	29.25
682.	C. M. Fassett & Co., chemical supplies.....	2.70
683.	Potlatch Lumber Co., lumber.....	6.55
684.	Francis Jenkins, Bursar, cash advanced for freight and express.....	.75
685.	Collins & Orland, hardware supplies.....	1.25
686.	Francis Jenkins, Bursar, cash advanced for freight and express.....	4.60
687.	W. H. Wicks, traveling expense.....	5.65
688.	J. S. Jones, traveling expense.....	6.85
689.	Francis Jenkins, Bursar, cash advanced for labor.....	4.00
690.	The Idaho Post, advertising and stationery.....	8.90
691.	G. E. Stechert & Co., book.....	.80
692.	G. F. Albright, blank keys.....	1.90
693.	E. C. Sawyer, horse hire.....	2.50
694.	Chas. C. Swann, supplies.....	1.50
695.	The Caldwell Milling & Elevator Co., wheat.....	31.10
696.	Francis Jenkins, Bursar, cash advanced for labor.....	95.95
698.	C. H. Sutton, repairs on harness.....	.75
699.	Ernst Hertzberg & Sons, book binding.....	2.00
700.	Francis Jenkins, Bursar, cash advanced for freight and express.....	.55
701.	R. Hodgins, supplies.....	3.70

No.	Name and Service.	Amount.
702.	David & Ely Co., supplies.....	2.60
703.	Francis Jenkins, Bursar, cash advanced for labor.....	6.15
704.	W. A. Lauder, 10 yards sand.....	25.00
705.	Francis Jenkins, Bursar, cash advanced for taxes.....	10.79
706.	Shaw & Borden Co., stationery.....	7.00
707.	John W. Graham & Co., stationery.....	8.00
708.	Francis Jenkins, Bursar, cash advanced for labor, freight, etc.	13.85
709.	First National Bank, interest on money loaned.....	15.95
710.	H. A. Scheyer, carpenter work.....	20.50
711.	Francis Jenkins, Bursar, cash advanced for labor.....	24.00
712.	Potlatch Lumber Co., lumber.....	5.90
713.	R. Hodgins, stationery.....	3.15
714.	Nelson's Bazaar, tin pans.....	.20
715.	G. C. Hallam, carpenter work.....	1.85
716.	John W. Graham & Co., lens board.....	1.75
717.	Francis Jenkins, Bursar, cash advanced for labor and stationery	11.48
718.	Vagneur Bros., oats at Caldwell.....	8.10
719.	Moscow Packing & Cold Storage Co., storage of fruit.....	7.50
720.	Francis Jenkins, Bursar, cash advanced for postage and freight	5.92
721.	Burke & James, camera shutter.....	1.60
722.	Francis Jenkins, Bursar, cash advanced for labor.....	22.00
723.	Spokane Seed Co., garden seed.....	13.06
724.	C. V. Schrack, advances for labor.....	18.10
725.	Moscow Hardware Co., supplies.....	.90
726.	Moscow Auto Co., supplies.....	.75
727.	Ross R. Sherfey, rubber bands.....	.50
728.	Francis Jenkins, Bursar, cash advanced for postage and freight	5.64
729.	David & Ely Co., supplies.....	1.25
730.	Francis Jenkins, Bursar, cash advanced for labor.....	13.00
731.	Spokane Seed Co., seeds and supplies.....	1.32
732.	Francis Jenkins, Bursar, cash advanced for labor.....	47.73
733.	Francis Jenkins, Bursar, cash advanced for freight.....	.40
734.	Collins & Orland Hardware Co., supplies.....	.25
735.	N. Williamson, supplies.....	.40
736.	John W. Graham & Co., stationery.....	4.25
737.	David & Ely Co., supplies.....	1.75
738.	Moscow Telephone & Telegraph Co., rentals.....	1.45
739.	Collins & Orland Hardware Co., supplies.....	5.05
740.	Collins & Orland Hardware Co., supplies.....	1.10
741.	Moscow Hardware Co., paint.....	3.50
742.	Potlatch Lumber Co., lumber.....	2.25
743.	Francis Jenkins, Bursar, cash advanced for labor.....	76.00
744.	Bausch & Lomb Optical Co., apparatus.....	.95
745.	Moscow Telephone & Telegraph Co., rentals.....	26.33
746.	Economical Pharmacy, supplies.....	.65
747.	Francis Jenkins, Bursar, cash advanced for labor.....	18.00
748.	American Can Co., fruit cans.....	66.73
749.	B. F. Thompson, tables.....	8.00
750.	O. C. Carrsow, peaches.....	5.10
751.	Geo. Creighton Co., supplies.....	.80
752.	D. Van Nostrand Co., books.....	16.20
753.	City Transfer & Storage Co., drayage.....	2.00
754.	Francis Jenkins, Bursar, cash advanced for labor.....	41.80

No.	Name and Service.	Amount.
755.	N. Williamson, supplies.....	6.50
756.	Bielenberg & Derry, horseshoeing.....	4.00
757.	Norton Co., supplies.....	2.69
758.	David & Ely Co., supplies.....	1.10
759.	I. R. Judd, feeding stuffs, Caldwell.....	50.00
760.	G. F. Underkafler, feeding stuffs, Caldwell.....	71.60
761.	Geo. B. Caine, traveling expenses.....	74.61
762.	Collins & Orland Hardware Co., supplies.....	16.55
763.	Potlatch Lumber Co., lumber.....	3.60
764.	Francis Jenkins, Bursar, cash advanced for labor.....	77.10
765.	O. V. Badley, supplies.....	86.73
766.	American National Bank.....	22.95
767.	Francis Jenkins, Bursar, freight and express.....	1.06
768.	David & Ely Co., matches.....	.75
		<hr/>
		\$ 1,747.59

Local Fund

98.	Francis Jenkins, Bursar, cash advanced, hotel expenses....\$	21.35
99.	Moscow Telephone & Telegraph Co., tolls.....	8.36
100.	James A. MacLean, traveling expenses.....	63.80
101.	Francis Jenkins, Bursar, Regents' expense.....	7.80
102.	J. L. Bourn, traveling expenses.....	7.50
103.	E. T. Sage, traveling expenses.....	104.55
104.	W. L. Carlyle, traveling expenses.....	127.10
105.	W. L. Carlyle, traveling expenses.....	71.25
106.	Moscow Telephone & Telegraph Co., rentals and services..	18.80
107.	James A. MacLean, traveling expenses.....	126.80
108.	L. E. Gurney, traveling expenses.....	43.60
109.	Hatch and Adams Funds, reimbursement for amounts dis- allowed by Dr. A. C. True.....	801.58
110.	Moscow Telephone & Telegraph Co., tolls.....	2.25
111.	Martin, Photographer, pictures.....	6.00
112.	H. L. Axtell, traveling expenses.....	91.80
113.	University Argonaut, publications.....	24.95
114.	Ph. Soulen, traveling expenses.....	108.30
115.	C. H. Shattuck, traveling expenses.....	2.15
116.	David & Ely Co., hunting and cloth.....	46.31
117.	1912 Gem of the Mountains, for annuals for high schools..	77.00
118.	C. C. Tull, copies of song.....	5.00
119.	City Transfer & Storage Co., drayage.....	29.00
120.	Francis Jenkins, Bursar, postage, photos.....	12.39
121.	Permeal J. French, traveling expenses.....	93.60
122.	Ed. J. Carey, Campus Day expenses.....	4.50
123.	City Transfer & Storage Co., drayage.....	2.25
124.	Francis Jenkins, Bursar, College Annual.....	2.00
125.	Moscow Telephone & Telegraph Co., cablegram.....	6.84
126.	Miles F. Reed, convocation address.....	60.00
127.	Ph. Soulen, traveling expense.....	61.40
128.	C. N. Little, traveling expense.....	68.20
129.	Francis Jenkins, traveling expenses.....	8.55
130.	Francis Jenkins, Bursar, Commencement expenses.....	5.00
131.	E. M. Hulme, traveling expenses.....	102.90
132.	Francis Jenkins, Bursar, advanced travel expenses.....	9.60
133.	Francis Jenkins, Bursar, lectures in Education.....	59.75
134.	C. H. Shattuck, traveling expenses.....	21.50

No.	Name and Service.	Amount.
135.	Francis Jenkins, Bursar, Commencement expenses.....	36.40
136.	Riverside Nursery, cypress tree.....	2.00
137.	W. H. Casto, Jr., traveling expenses.....	51.30
138.	Permeal J. French, traveling expenses.....	43.30
139.	Geo. Creighton Co., ribbon.....	1.50
140.	C. H. Shattuck, traveling expenses.....	9.05
141.	Francis Jenkins, Bursar, cash advanced, Taft Day expense.	81.87
142.	Francis Jenkins, Bursar, cash advanced, Taft Day expense.	13.40
143.	C. H. Shattuck, traveling expense.....	4.40
144.	Geo. R. Barker, Regent's expense.....	20.95
145.	City Transfer & Drayage Co., drayage.....	2.00
146.	Transfer of fund from First National to First Trust Co.	
148.	Francis Jenkins, Bursar, advance, traveling expenses.....	22.15
149.	J. A. MacLean, traveling expenses.....	37.95
150.	C. H. Shattuck, traveling expenses.....	31.85
151.	J. G. Eldridge, traveling expenses.....	32.10
152.	Laura B. Breese, Taft Day expense.....	5.15
153.	Fay Hostetter, traveling expenses.....	6.50
154.	Madison Lumber Co., lumber.....	12.75
155.	Francis Jenkins, Bursar, expenses.....	5.40
156.	C. H. Shattuck, traveling expenses.....	57.75
157.	W. L. Carlyle, traveling expenses.....	24.20
158.	James A. MacLean, traveling expenses.....	13.60
159.	Moscow Auto Co., Commencement expense.....	2.25
160.	Francis Jenkins, Bursar, traveling expense.....	10.30
161.	C. H. Shattuck, traveling expense.....	7.15
162.	Moscow Telephone & Telegraph Co., telegrams.....	7.88
163.	City of Moscow, water rent.....	3.50
164.	C. H. Shattuck, traveling expenses.....	3.60
165.	C. H. Shattuck, traveling expenses.....	6.00
166.	Francis Jenkins, Bursar, Isolation House expenses.....	80.75
167.	Jas. A. MacLean, traveling expenses.....	42.55
168.	C. C. Tull, advance for traveling expenses.....	6.40
169.	C. H. Shattuck, traveling expenses.....	5.95
170.	James A. MacLean, traveling expenses.....	112.10
171.	C. H. Shattuck, traveling expenses.....	2.45
172.	Moscow Telephone & Telegraph Co., telephone.....	13.09
173.	J. E. Barton, traveling expenses.....	21.35
174.	Fay Hostetter, traveling expenses.....	7.50
175.	James A. MacLean, traveling expenses.....	29.90
176.	C. H. Shattuck, traveling expenses.....	6.60
177.	C. H. Shattuck, traveling expenses.....	10.60
178.	J. Francis Maguire, traveling expenses.....	7.40
179.	C. H. Shattuck, traveling expenses.....	8.85
180.	Not issued.	
181.	Jno. F. Nicholson, traveling expenses.....	18.40
182.	Permeal J. French, traveling expenses.....	11.45
183.	Geo. Creighton Co., Military equipment.....	10.30
184.	Ph. Soulen, traveling expenses.....	94.30
185.	The Economical Pharmacy, formaldehyde.....	1.65
186.	C. A. Stewart, traveling expenses.....	30.10
187.	E. M. Hulme, traveling expenses.....	122.40
188.	B. H. Lehman, traveling expenses.....	102.25
189.	Moscow Telephone & Telegraph Co., telephone.....	1.15
190.	Permeal J. French, traveling expenses.....	104.87
191.	Francis Jenkins, Bursar, advanced traveling expenses.....	110.00
192.	Francis Jenkins, Bursar, advanced traveling expenses.....	11.30

No.	Name and Service.	Amount.
193.	C. H. Shattuck, traveling expenses.....	15.95
194.	Permeal J. French, traveling expenses.....	21.65
195.	Ridenbaugh Hall, Regents' expense.....	26.00
196.	Francis Jenkins, Bursar, Commencement expense.....	23.00
197.	I. J. Sterner, photos.....	5.00
198.	C. H. Shattuck, traveling expenses.....	18.70
199.	David & Ely Co., buntinig, etc.....	25.87
200.	Francis Jenkins, Bursar, cash advanced for evergreens....	2.50
201.	E. M. Hulme, traveling expenses.....	99.85
202.	G. L. Larson, traveling expenses.....	21.20
203.	John Almquist, plants.....	2.50
204.	C. H. Shattuck, traveling expenses.....	10.65
205.	C. H. Shattuck, traveling expenses.....	2.90
206.	Francis Jenkins, traveling expenses.....	23.90
207.	Francis Jenkins, Bursar, expenses.....	7.00
208.	Hagan & Cushing, groceries.....	330.11
209.	Chas. C. Swann, groceries.....	17.50
210.	Roselawn Greenhouse, greens.....	1.50
211.	Washburn & Wilson, supplies.....	2.20
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		\$ 4,501.62

Law School Fund

301.	Edward Thompson Co., books.....	\$ 3.75
302.	H. R. Smith, lectures.....	100.00
303.	Burton L. French, lectures.....	50.00
304.	T. H. Flood & Co., books.....	18.00
305.	Lawyers Cooperative Publishing Co., books.....	2.50
306.	Yale Law Journal, subscription.....	2.50
307.	Callaghan & Co., books.....	5.00
308.	West Publishing Co., books.....	45.00
309.	Star-Mirror, stationery.....	3.00
310.	West Publishing Co., books.....	6.00
311.	Edward Thompson Co., books.....	2.50
312.	Burton L. French, lectures.....	25.00
313.	Francis Jenkins, advance, traveling expenses.....	50.00
314.	Mabel Perkins, stenographic services.....	5.25
315.	Francis Jenkins, Bursar, cash advanced for freight.....	1.54
316.	Bancroft-Whitney Co., books.....	2.50
317.	LeRoy McCann, clerical work.....	3.00
318.	The Star-Mirror, envelopes.....	2.50
319.	R. Hodgins, stationery.....	37.65
320.	Edward Thompson Co., books.....	2.50
321.	Callaghan & Co., books.....	34.00
322.	West Publishing Co., books.....	10.50
323.	Baker, Voorhis & Co., books.....	13.95
324.	Henry Holt & Co., Publishers, books.....	.68
325.	R. R. Sherfey, stationery.....	6.00
326.	Jno. W. Graham & Co., stamp.....	.26
327.	West Publishing Co., books.....	18.50
328.	The American Law Book Co.....	3.75
329.	Transfer of fund from First National to First Trust Co.	
330.	Bancroft-Whitney Co., books.....	2.50
331.	Moscow Telephone & Telegraph Co., telegrams.....	1.50
332.	Francis Jenkins, Bursar, freight.....	.45
333.	Bender-Moss Co., books.....	8.50

No.	Name and Service.	Amount.
334.	Callaghan & Co., books.....	5.21
335.	Bancroft-Whitney Co., books.....	2.50
336.	Callaghan & Co., books.....	12.00
337.	L. P. Wilson, books.....	1.00
338.	Edward Thompson Co., books.....	2.50
339.	Lawyers Cooperative Publishing Co., books.....	2.50
340.	Lawyers Cooperative Publishing Co., books.....	2.50
341.	Lawyers Cooperative Publishing Co., books.....	5.50
342.	West Publishing Co., books.....	17.00
343.	Not issued.	
344.	West Publishing Co., books.....	24.50
345.	Callaghan & Co., books.....	35.00
346.	The American Law Book Co.....	7.60
347.	West Publishing Co.....	16.00
348.	O. E. McCutcheon, cash advanced for binders.....	3.60
349.	Callaghan & Co., books.....	1.60
350.	Frank Moore, instruction.....	150.00
351.	Francis Jenkins, Bursar, postage, freight, etc.....	4.15
352.	Moscow Telephone & Telegraph Co., telegrams.....	2.00
353.	Francis Jenkins, Bursar, advanced for telegram.....	.75
354.	The Lawyers Cooperative Publishing Co., books.....	3.50
355.	Charles H. Wilber, traveling expenses.....	7.50
356.	A. C. McClurg & Co., books.....	11.97
357.	Lawyers Cooperative Publishing Co., books.....	3.00
358.	Edward Thompson Co., books.....	2.50
359.	Illinois Book Exchange, books.....	4.00
360.	American Law Book Co., books.....	3.75
361.	Edward Thompson Co., books.....	2.50
362.	The Idaho Post, Law bulletin.....	12.00
363.	Francis Jenkins, Bursar, postage.....	3.00
364.	The Star-Mirror, bulletins and covers.....	30.00
365.	The Star-Mirror, stationery.....	7.50
366.	West Publishing Co., books.....	21.00
367.	The Lawyers Cooperative Publishing Co., books.....	3.00
368.	Bancroft-Whitney Co., books.....	6.00
369.	H. R. Smith, instruction.....	150.00
370.	Frank Moore, instruction.....	75.00
371.	Yale Law Journal, books.....	2.50
372.	Francis Jenkins, Bursar, advanced for labor.....	1.00
373.	Ross R. Sherfey, note books.....	3.60
374.	West Publishing Co., books.....	17.50
375.	The American Law Book Co., books.....	3.75
376.	West Publishing Co.....	29.00
377.	The Lawyers Cooperative Publishing Co., books.....	6.50
378.	Bancroft-Whitney Co., books.....	13.50
379.	Edward Thompson Co., books.....	2.50
380.	Little, Brown & Co., books.....	43.20
381.	Callaghan & Co., books.....	27.00
382.	The Lawyers Cooperative Publishing Co., books.....	2.50
383.	Callaghan & Co., books.....	57.00
384.	Charles H. Wilber, traveling expenses.....	28.35
385.	Little, Brown & Co., books.....	25.20
386.	Callaghan & Co., books.....	6.70
387.	Ross R. Sherfey, stationery.....	1.00
388.	Lyman P. Wilson, books.....	3.50
389.	Edward Thompson Co., books.....	2.50
390.	Callaghan & Co., books.....	28.00

No.	Name and Service.	Amount.
391.	John K. M. Ewing, books.....	20.00
392.	Moscow Telephone & Telegraph Co., telegrams.....	4.75
393.	Lyman P. Wilson, books.....	3.00
394.	Henry Holt & Co., books.....	1.43
395.	Little, Brown & Co., books.....	7.20
		<hr/>
		\$ 1,452.09

College Live Stock Fund

120.	Not issued.	
121.	Moscow Flour Mills, feeding stuffs.....	\$ 264.36
122.	Kansas Agricultural College, board.....	25.00
123.	American Jersey Cattle Club, entries, transfers.....	10.00
124.	Holstein-Friesian Association of America, registering.....	8.00
125.	Moscow Hardware Co., oil.....	2.00
126.	N. Williamson, cloth.....	1.76
127.	Mrs. L. L. Shurtz, laundry.....	2.00
128.	Economical Pharmacy, castor oil.....	1.50
129.	R. Hodgins, drugs.....	9.55
130.	City of Moscow, water meter.....	14.25
131.	John Deere Plow Co., repairs.....	.96
132.	American Shorthorn Breeders' Association, registering....	2.50
133.	National Duroc Jersey Record Association, registering....	18.25
134.	American Shropshire Registry Association, transfer.....	.25
135.	Francis Jenkins, Bursar, cash advanced for labor.....	80.28
136.	Potlatch Lumber Co., lumber.....	4.45
137.	R. Hodgins, prescriptions.....	4.60
138.	Mrs. L. L. Shurtz, laundry.....	2.00
139.	Moscow Hardware Co., hardware supplies.....	2.45
140.	Francis Jenkins, Bursar, cash advanced for freight.....	24.80
141.	Stoddard Judd, salary, man and three horses.....	100.00
142.	Stoddard Judd, salary, man and three horses.....	100.00
143.	Economical Pharmacy, iodine.....	3.00
144.	National Duroc Jersey Record Association, recording.....	1.25
145.	Francis Jenkins, Bursar, advanced for freight.....	45.10
146.	Francis Jenkins, Bursar, cash advanced for labor.....	16.90
147.	O. C. Gregg, traveling expenses.....	27.70
148.	Ross R. Sherfey, stationery.....	1.50
149.	The Breeders' Gazette, herd register.....	2.50
150.	Caldwell Milling & Elevator Co., feeding stuffs.....	39.00
151.	Collins & Orland Hardware Co., hardware supplies.....	1.35
152.	E. E. Dent, Poland China board.....	22.00
153.	Moscow Flour Mills, shelled corn.....	414.70
154.	Moscow Hardware Co., steam hose.....	5.40
155.	N. Williamson, cheese cloth.....	3.50
156.	W. A. Lauder, lime.....	4.00
157.	Potlatch Lumber Co., lumber.....	3.80
158.	Marion Lester & Co., stallion services.....	20.00
159.	Mrs. L. L. Shurtz, laundry.....	2.05
160.	The Inland Market, lard.....	1.75
161.	Francis Jenkins, Bursar, cash advanced for freight and express.....	110.70
162.	W. L. Carlyle, traveling expenses.....	14.20
163.	Moscow Telephone & Telegraph Co., rental.....	1.00
164.	A. E. Chace, traveling expenses.....	18.45

No.	Name and Service.	Amount.
165.	Francis Jenkins, Bursar, cash advanced for registering pedigrees	3.95
166.	Francis Jenkins, Bursar, cash advanced for sundry labor...	75.60
167.	Mrs. L. L. Shurtz, laundry.....	4.85
168.	American Poland China Record Association, recording....	21.50
169.	Hagan & Cushing, hog.....	15.73
170.	M. E. Lewis, feeding stuffs.....	249.67
171.	Collins & Orland Hardware Co., hardware supplies.....	1.90
172.	N. Williamson, lantern, salt, etc.....	7.45
173.	Shelton Machinery Co., washing powder.....	4.00
174.	C. S. Plumb, index.....	1.00
175.	John W. Graham & Co., stationery.....	3.85
176.	Economical Pharmacy prescriptions.....	2.70
177.	Frank Gustafson, release on house and land.....	20.00
178.	Francis Jenkins, Bursar, cash advanced for freight, labor and postage.....	24.80
179.	Moscow Telephone & Telegraph Co., telephone.....	1.55
180.	Mrs. L. L. Shurtz, laundry.....	2.00
181.	Collins & Orland Hardware Co., hardware supplies.....	.50
182.	Moscow Hardware Co., hardware supplies.....	2.30
183.	David & Ely Co., sundry supplies.....	29.85
184.	N. Williamson, salt.....	2.20
185.	Idaho Post, advertising.....	1.20
186.	Economical Pharmacy, prescriptions.....	1.20
187.	E. J. Iddings, traveling expenses.....	.60
188.	Francis Jenkins, Bursar, cash for labor advanced.....	16.80
189.	J. N. Friedman, whip.....	1.00
190.	Francis Jenkins, Bursar, cash advanced for labor.....	4.60
191.	L. P. Schuh, moving and blocking building.....	50.00
192.	American Oxford Down Record Association, recording...	1.50
193.	Moscow Hardware Co., tine fork, bull snap.....	1.60
194.	Collins & Orland Hardware Co., wire.....	.70
195.	Moscow Telephone & Telegraph Co., rentals.....	3.05
196.	Mrs. L. L. Shurtz, laundry.....	2.50
197.	Empire Hardware Co., linseed oil.....	2.60
198.	Madison Lumber Co., lumber.....	21.20
199.	Francis Jenkins, Bursar, cash for labor, advanced.....	24.80
200.	David & Ely Co., wool sack.....	.75
201.	Francis Jenkins, Bursar, cash advanced for freight.....	8.11
202.	R. R. Sherfey, wallpaper and paperhangnig.....	50.00
203.	Mrs. L. L. Shurtz, laundry.....	2.20
204.	Crane Co., hardware supplies.....	62.82
205.	Francis Jenkins, Bursar, cash advanced for freight and express	12.04
206.	Francis Jenkins, Bursar, cash advanced for labor.....	221.82
207.	The Idaho Post, advertising.....	1.20
208.	Francis Jenkins, Bursar, cash advanced for freight.....	1.95
209.	Francis Jenkins, Bursar, cash advanced for membership in American Horse Shire Association.....	18.00
210.	N. Williamson, salt.....	5.50
211.	Moscow Commission Co., milling corn.....	3.55
212.	Francis Jenkins, Bursar, cash advanced for labor.....	65.10
213.	G. F. Albright, repairs and supplies.....	17.55
214.	Mrs. L. L. Shurtz, laundry.....	3.35
215.	The American Oxford Down Record Association membership fee.....	12.00
216.	Mrs. L. L. Shurtz, laundry.....	3.60

No.	Name and Service.	Amount.
217.	Francis Jenkins, Bursar, cash advanced for labor.....	49.75
218.	N. Williamson, Tanglefoot paper.....	1.35
219.	The Country Gentleman, book.....	1.82
220.	Francis Jenkins, Bursar, cash advanced for recording pedigrees	20.00
221.	N. Williamson, blankets, cheese cloth.....	5.64
222.	Francis Jenkins, Bursar, cash advanced for freight.....	11.20
223.	Mrs. L. L. Shurtz, laundry.....	4.00
224.	Collins & Orland Hardware Co., hardware supplies.....	1.35
225.	Francis Jenkins, Bursar, cash advanced for labor.....	9.00
226.	Claud Heard, traveling expenses.....	10.65
227.	Dr. E. T. Baker, professional services.....	10.00
228.	Francis Jenkins, Bursar, cash advanced for freight.....	33.00
229.	McGowan Bros. Hardware Co., saws, hinges.....	3.35
230.	Moscow Telephone & Telegraph Co., telegram.....	.25
231.	A. E. Chace, traveling expenses.....	19.50
232.	A. E. Chace, traveling expenses.....	9.15
233.	Francis Jenkins, Bursar, cash advanced for labor.....	4.80
234.	F. E. Wilson, fence posts.....	61.00
235.	G. E. Frevort, dry plates.....	.65
236.	Francis Jenkins, Bursar, cash advanced for postage.....	5.64
237.	Francis Jenkins, Bursar, cash advanced for labor.....	90.40
238.	Kendrick Warehouse & Mill Co., feeding stuffs.....	132.00
239.	G. F. Albright, ink.....	.25
240.	Francis Jenkins, Bursar, cash advanced for freight.....	85.75
241.	J. N. Friedman, halters, rope.....	3.15
242.	Potlatch Lumber Co., lumber.....	13.45
243.	Spokane Interstate Fair, refund of prize money.....	13.00
244.	Economical Pharmacy, belladonna ointment.....	.50
245.	Duroc Jersey Record Association, recording.....	1.50
246.	American Poland China Record Association, recording....	2.00
247.	Holley-Mason Hardware Co., hardware supplies.....	26.96
248.		
249.	Washington State College, boar.....	25.00
250.	E. J. Iddings, traveling expenses.....	1.30
251.	R. Hodgins, plates and developing powder.....	1.65
252.	Francis Jenkins, Bursar, cash advanced for freight and ex- press	34.15
253.	H. J. Fluck, one Hereford steer.....	150.00
254.	J. P. Cudahy, two Hereford steers.....	259.00
255.	Mrs. L. L. Shurtz, laundry.....	4.60
256.	Francis Jenkins, Bursar, cash advanced for labor.....	57.35
257.	E. J. Iddings, traveling expenses.....	10.95
258.	First National Bank, interest.....	35.35
259.	Moscow Telephone & Telegraph Co., telephone.....	.25
260.	University Creamery, washing powder.....	1.75
261.	Collins & Orland Hardware Co., paint.....	7.20
262.	Stock Yards Harness & Saddlery Co., harness.....	75.00
263.	Clay-Robinson & Co., stock.....	70.53
264.	Moscow Hardware Co., hardware supplies.....	5.35
265.	N. Williamson, soap.....	1.00
266.	Continental Oil Co., oil.....	1.85
267.	J. C. Kinzer, salary.....	75.00
268.	Mrs. L. L. Shurtz, laundry.....	3.65
269.	J. C. Barney, hog.....	50.00
270.	T. W. Stoner & Son, two hogs.....	100.00
271.	J. C. Kinzer, traveling expenses.....	130.00

No.	Name and Service.	Amount.
272.	Francis Jenkins, Bursar, cash advanced for freight and express	33.55
273.	Francis Jenkins, Bursar, cash advanced for labor.....	62.30
274.	Moscow Telephone & Telegraph Co., rentals.....	1.65
275.	Mrs. L. L. Shurtz, laundry.....	4.25
276.	Moscow Flour Mills, feeding stuffs.....	97.84
277.	Dr. E. T. Baker, professional services.....	45.00
278.	The Star-Mirror, cards printed.....	2.25
279.	American Berkshire Association, membership and volumes of record.....	31.00
280.	National Duroc Jersey Record Association recording.....	3.00
281.	L. I. Case, labor.....	40.00
282.	Francis Jenkins, Bursar, cash advanced for labor.....	2.00
283.	A. E. Mitzenberg, labor.....	36.00
284.	David & Ely Co., sugar.....	6.65
285.	Mrs. L. L. Shurtz, laundry.....	4.05
286.	Potlatch Lumber Co., lumber.....	6.60
287.	N. Williamson, muslin.....	3.04
288.	W. A. Buchanan, oats.....	135.00
289.	Francis Jenkins, Bursar, cash advanced for express.....	3.35
290.	Francis Jenkins, Bursar, cash advanced for labor.....	11.00
291.	Robert F. Hildebrand, photos.....	9.00
292.	F. S. Burch & Co., ear labels.....	1.63
293.	Moscow Telephone & Telegraph Co., rentals.....	2.40
294.	Francis Jenkins, Bursar, cash advanced for labor.....	40.50
295.	Francis Jenkins, Bursar, cash advanced for freight.....	88.44
296.	E. J. Iddings, traveling expenses.....	33.15
297.	J. C. Kinzer, traveling expenses.....	26.25
298.	J. C. Kinzer, services.....	70.00
299.	Continental Oil Co., oil.....	1.18
300.	Mrs. L. L. Shurtz, laundry.....	3.80
301.	N. Williamson, salt.....	1.10
302.	McGowan Bros. Hardware Co., hardware supplies.....	2.70
303.	Bielenberg & Dery, blacksmithing.....	2.00
304.	Chicago Flexible Shaft Co., machinery.....	18.68
305.	A. S. Lyon, oats.....	38.42
306.	E. T. Baker, professional services.....	20.00
307.	Crane Co., hardware supplies.....	2.36
308.	Moscow Hardware Co., hardware supplies.....	4.55
309.	The City Bakery, supplies.....	1.00
310.	Mrs. L. L. Shurtz, laundry.....	3.40
311.	Ross R. Sherfey, stationery.....	1.90
312.	Francis Jenkins, Bursar, cash advanced for express and freight	68.45
313.	Moscow Flour Mills, feeding stuffs.....	106.00
314.	Madison Lumber & Mill Co., coal.....	7.65
315.	Francis Jenkins, Bursar, cash advanced for labor.....	2.00
316.	David & Ely Co., cloth.....	.50
317.	Bielenberg & Derry, horseshoeing.....	2.75
318.	Dr. E. T. Baker, professional services.....	45.00
319.	Francis Jenkins, Bursar, cash advanced for express and freight	35.75
320.	C. Bischoff & Co., Tuberculin.....	2.00
321.	Mark P. Miller Milling Co., feeding stuffs.....	200.52
322.	Mrs. L. L. Shurtz, laundry.....	3.10
323.	Mark P. Miller Milling Co., feeding stuffs.....	3.00
324.	Francis Jenkins, Bursar, cash advanced for labor.....	13.26

No.	Name and Service.	Amount.
325.	Zumhof & Collins, horseshoeing.....	6.25
326.	Francis Jenkins, Bursar, cash advanced for postage and freight	7.84
327.	Mark P. Miller Milling Co., feeding stuffs.....	362.91
328.	The Hale Publishing Co., books.....	1.00
329.	Moscow Hardware Co., hardware supplies.....	1.80
330.	N. Williamson, salt.....	4.00
331.	Mrs. L. L. Shurtz, laundry.....	4.80
332.	American Shorthorn Breeders' Association, recording.....	5.00
333.	Moscow Telephone & Telegraph Co., rentals.....	2.50
334.	J. C. Kinzer, rope halters.....	2.00
335.	Corliss McElroy, plumber's supplies.....	46.50
336.	Carlyle and Ellington, dairy cattle.....	775.00
338.	Animal Husbandry Extension Department, Purdue University, books.....	2.00
339.	National Duroc Jersey Record Association, recording.....	9.50
340.	American Poland Record Association, recording.....	4.50
341.	American Berkshire Association, recording.....	9.00
342.	Moscow Hardware Co., hardware supplies.....	9.27
343.	S. O. Harrington, straw stack.....	10.00
344.	Agricultural Chemistry, feeding stuffs.....	45.00
345.	Francis Jenkins, Bursar, cash advanced for labor.....	197.00
346.	J. C. Kinzer, combs.....	2.00
347.	G. H. Swanson, services securing Poland China pedigree..	5.00
348.	J. C. Lundquist, cow and calf.....	62.50
349.	C. H. Sutton, supplies.....	3.75
350.	Mark P. Miller Milling Co., feeding stuffs.....	51.44
351.	Moscow Telephone & Telegraph Co., telephone.....	1.50
352.	Elmer Dewey, sand.....	7.50
353.	J. H. Weber, licensing one stallion.....	10.00
354.	Francis Jenkins, Bursar, cash advanced for labor.....	4.90
355.	Moscow Hardware Co., hardware supplies.....	5.65
356.	Moscow Hardware Co., hardware supplies.....	6.00
357.	Francis Jenkins, Bursar, cash advanced for express.....	4.60
358.	J. M. Curtice, stock.....	450.00
359.	John R. Tomson, stock.....	335.76
360.	Francis Jenkins, Bursar, cash advanced for freight and express	9.45
361.	Zenner Disinfectant Co., Zenoleum.....	6.25
362.	Mrs. L. L. Shurtz, laundry.....	1.60
363.	Bielenberg & Derry, horseshoeing.....	2.00
364.	Kansas State Agricultural College, steer; two heifers.....	285.00
365.	Robt. H. Hazlett, two heifers.....	300.00
366.	John Riley, straw.....	3.00
367.	Belton, Ruland & Benson, painting sign.....	7.05
368.	J. C. Kinzer, traveling expenses.....	206.78
369.	R. W. Morris, freight.....	344.57
370.	Standard Lumber Co., lumber.....	12.25
371.	N. Williamson, soap, salt.....	1.05
372.	Claus Peterson, cows.....	60.00
373.	Kansas State Agricultural College, boar.....	35.00
374.	W. A. Lauder, cement.....	16.50
375.	N. Williamson, oilcloth.....	2.00
376.	American Oxford Down Record Association, recording...	1.00
377.	American Hampshire Sheep Association, recording.....	1.00
378.	American Shropshire Registry Association, recording....	4.00
379.	Mrs. L. L. Shurtz, laundry.....	2.35

No.	Name and Service.	Amount.
380.	G. F. Albright, four keys.....	1.00
381.	C. E. Albion, three days' demurrage.....	3.00
382.	Francis Jenkins, Bursar, cash advanced for freight, express and postage.....	35.11
383.	Moscow Hardware Co., hardware supplies.....	22.20
384.	Potlatch Lumber Co., lumber.....	9.45
385.	Mark Rodgers, service.....	3.00
386.	American Hampshire Sheep Association, recording.....	1.00
387.	A. C. Mills, two pigs.....	35.00
388.	Pacific Oil Mills, Proteina.....	77.80
389.	H. L. Summers, pig.....	25.00
390.	National Duroc Jersey Record Association, recording.....	4.50
391.	Potlatch Lumber Co., lumber.....	5.85
392.	J. E. Mudgett & Son, storage.....	2.50
393.	American Rambouillet Sheep Breeders' Association, certificates.....	3.00
394.	Pacific Oil Mills, Proteina.....	41.40
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		\$ 9,684.59

College Farm Fund

437.	J. J. Carr & Co., filing saws.....	\$.50
438.	N. Williamson, oil, soap, etc.....	4.30
439.	Moscow Hardware Co., hardware supplies.....	11.47
440.	Moscow Telephone & Telephone Co., rental.....	2.50
441.	N. Williamson, traps, brooms.....	2.10
442.	Moscow Telephone & Telegraph Co., telephone.....	1.50
443.	J. E. Mudgett & Son, sawing wood.....	10.00
444.	John W. Graham & Co., stationery.....	3.85
445.	Moscow Telephone & Telegraph Co., telephone.....	1.50
446.	L. P. Schuh, moving building.....	80.00
447.	Spokane Seed Co., seeds.....	11.84
448.	E. H. Krier, plaster patching.....	5.50
449.	Moscow Telephone & Telegraph Co., telephone.....	1.50
450.	E. I. DuPont DeNemours Powder Co., Atlas stpg.....	5.75
451.	Moscow Hardware Co., pipe.....	1.06
452.	Francis Jenkins, Bursar, cash advanced for freight.....	.75
453.	Max Ebel, painting two houses.....	22.00
454.	Moscow Telephone & Telegraph Co., telephone.....	1.50
455.	Collins & Orland Hardware Co., files.....	1.50
456.	John Deere Plow Co., supplies.....	1.32
457.	Moscow Telephone & Telegraph Co., telephone.....	2.50
458.	John Deere Plow Co., machinery.....	3.50
459.	Francis Jenkins, Bursar, cash advanced for labor.....	4.00
460.	G. F. Albright, repairs on machinery.....	8.50
461.	Crane Co., galvanized pipe.....	7.44
462.	Francis Jenkins, Bursar, cash advanced for freight.....	3.12
463.	Transfer of funds from First National Bank to First Trust Co.	
464.	U. S. Steel Products Co., wire stretcher.....	.75
465.	Moscow Telephone & Telegraph Co., telephone.....	1.50
466.	W. M. Porter, one farm horse.....	175.00
467.	Standard Dray Co., drayage.....	2.50
468.	Zumhof & Collins, blacksmithing.....	61.50
469.	Francis Jenkins, Bursar, cash advanced for labor.....	2.70
470.	O. C. Carssow, oil.....	2.70
471.	Moscow Telephone & Telegraph Co., telephone.....	2.50

No.	Name and Service.	Amount.
472.	Potlatch Lumber Co., lumber.....	10.90
473.	Monarch Oil Refining Co., oil.....	7.60
474.	Moscow Hardware Co., glass.....	1.15
475.	Moscow Telephone & Telegraph Co., telephone.....	3.50
476.	Francis Jenkins, Bursar, cash advanced for labor.....	126.42
477.	Empire Hardware Co., drawer locks.....	3.00
478.	Mark P. Miller Milling Co., cracked corn.....	64.30
479.	Francis Jenkins, Bursar, cash advanced for express.....	14.31
480.	G. F. Albright, five keys.....	1.25
481.	Moscow Hardware Co., supplies.....	36.56
482.	A. S. Lyon, timothy hay.....	24.40
483.	Collins & Orland Hardware Co., supplies.....	5.10
484.	Moscow Flour Mills, bran.....	27.30
485.	Francis Jenkins, Bursar, cash advanced for supplies.....	1.00
486.	J. E. Mudgett & Son, corn.....	.75
487.	Parlin & Orendorff Northwest Plow Co., machinery.....	1.10
488.	Moscow Hardware Co., supplies.....	7.25
489.	Francis Jenkins, Bursar, cash advanced for labor.....	2.57
490.	Collins & Orland Hardware Co., cleavices.....	1.90
491.	David & Ely Co., wool sacks.....	1.30
492.	Continental Oil Co., gasoline.....	10.26
493.	Moscow Telephone & Telegraph Co., telephone.....	1.80
494.	Moscow Commission Co., wheat rolled.....	2.10
495.	Continental Oil Co., gasoline.....	10.26
496.	Moscow Hardware Co., water bags.....	2.25
497.	Moscow Hardware Co., supplies.....	7.87
498.	Continental Oil Co., gasoline.....	10.26
499.	John Riley, straw.....	4.00
500.	Ed. Martin, straw.....	3.00
501.	Preston Ellis Machinery Co., machinery.....	4.65
502.	Corliss McElroy, bell trap.....	1.50
503.	Continental Oil Co., gasoline, etc.....	10.80
504.	G. F. Albright, batteries, gasoline, etc.....	5.85
505.	Mark Means Co., seeds.....	10.95
506.	Butterfield-Elder Implement Co., machinery.....	41.60
507.	Moscow Hardware Co., supplies.....	6.60
1.	Moscow Hardware Co., supplies.....	6.88
2.	Francis Jenkins, Bursar, cash advanced for express and freight.....	.70
3.	David & Ely Co., oil, lamps.....	2.75
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		\$ 934.39

Music Fund

508.	The Star-Mirror, programs.....	4.75
520.	The Star-Mirror, programs.....	4.75
521.	City Transfer & Storage Co., drayage.....	27.25
522.	The Star-Mirror, programs.....	7.50
523.	V. H. Brown, tuning pianos.....	11.00
526.	City Transfer & Storage Co., drayage.....	14.50
527.	The Simon Piano Co., pianos, part payment.....	200.00
529.	The Star-Mirror, programs.....	\$ 1.50
1.	V. H. Brown, tuning pianos.....	27.00
2.	The Star-Mirror.....	8.25
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		\$ 306.50

Summer School Fund

No.	Name and Service.	Amount.
509.	O. C. Carssow, candles, cones.....	\$ 2.30
510.	Francis Jenkins, Bursar, cash advanced for freight, express, labor	90.16
511 to 519.	Summer School salaries.....	890.00
436.	John W. Graham & Co., raffia, etc.....	6.50
435.	H. L. Talkington, book.....	2.50
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		\$ 991.46

Dairy Production Fund

1.	Moscow Hardware Co., supplies.....	\$ 5.95
2.	Moscow Hardware Co., paint, pail.....	1.15
3.	The Economical Pharmacy, hemp, oil, tar.....	1.70
4.	Mrs. L. L. Shurtz, laundry.....	1.40
5.	J. J. Sterner, enlargements photos.....	8.10
6.	Francis Jenkins, Bursar, cash advanced for freight.....	1.15
7.	The Star-Mirror, dairy record cards.....	13.75
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		\$ 33.20

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